

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.





# WILLIAM TRICKER INC.

SADDLE RIVER, N.J. INDEPENDENCE, OHIO.

RECEIVED

★ FEB 23 1932 ★

1932

62.67



## Gems from the Tropics

Five tropical lilies which will bring to your pool the exotic splendor and exquisite color of the tropics, selected for their delightful contrast and color harmony and to give 24 hours of bloom each day. As illustrated, one each.

MRS. PRING. White.  
GENERAL PERSHING.  
Pink.

JUPITER. Blue-purple.  
MARMARATA. Lav.-Blue.  
DEVONSHIRE. Rosy Red.

Collection No. 222 \$8.50  
All five for.....



# ENJOY THE EXOTIC SPLENDOR OF THE TROPICS

*with its mystery —  
its color and frag-  
rance reproduced in  
your own lily pool.*



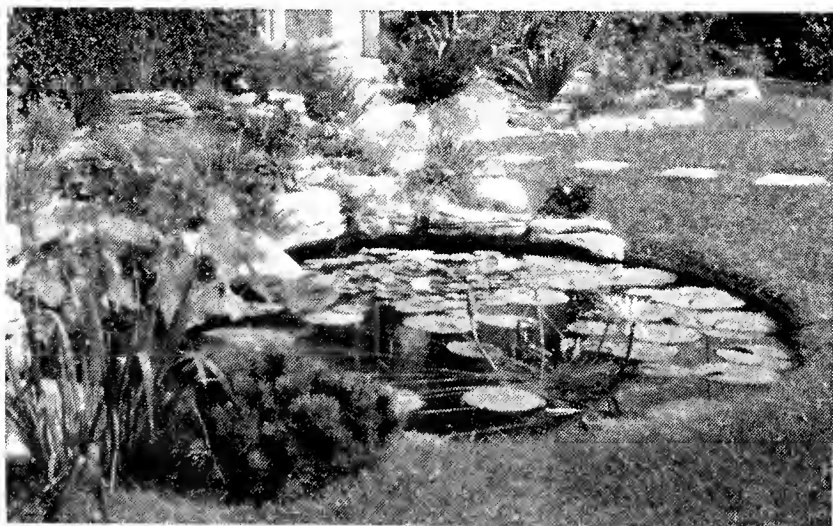
WHY not bring a bit of the tropics to your pool this year? With Tricker's magnificent tropical lilies, interesting aquatic plants, and ornamental fishes it is possible to reproduce the splendor of the tropics in miniature, even in a small lily pool. The charm of clear placid water ... great green lily pads floating on its tranquil surface ... swiftly moving, jewel-tinted fishes glimpsed in the cool depths ... and rising in majestic splendor above it all, the radiant beauty of tropical lily blooms, their rainbow colors, perfect form and haunting fragrance weaving about the whole an air of mystery and enchantment. Such is the exotic beauty that awaits you when your pool is planted with these marvelous tropical lilies and unusual plants.

You have but to turn the pages of this book to find that Tricker offers everything you will need—lilies, plants and fishes. Plan now to bring to your garden this year the exotic splendor of the tropics.



## Anyone Can Grow Water Lilies Successfully

Although water lilies are the most magnificent of flowers, they are by no means difficult to grow. On the contrary, anyone can grow them successfully. We are constantly receiving enthusiastic letters from customers who are delighted with the ease with which Tricker's water lilies grow and bloom. A lily pool requires no weeding or watering, nor is special gardening experience necessary. Just give the water lilies ample sunshine and rich soil. Complete cultural directions are given opposite page 3.





# A PAGE OF SUGGESTIONS for Beginners



**W**HERE and how to begin are usually the first questions asked by those starting their first

venture in water gardening, and it is to the beginners we address these suggestions.

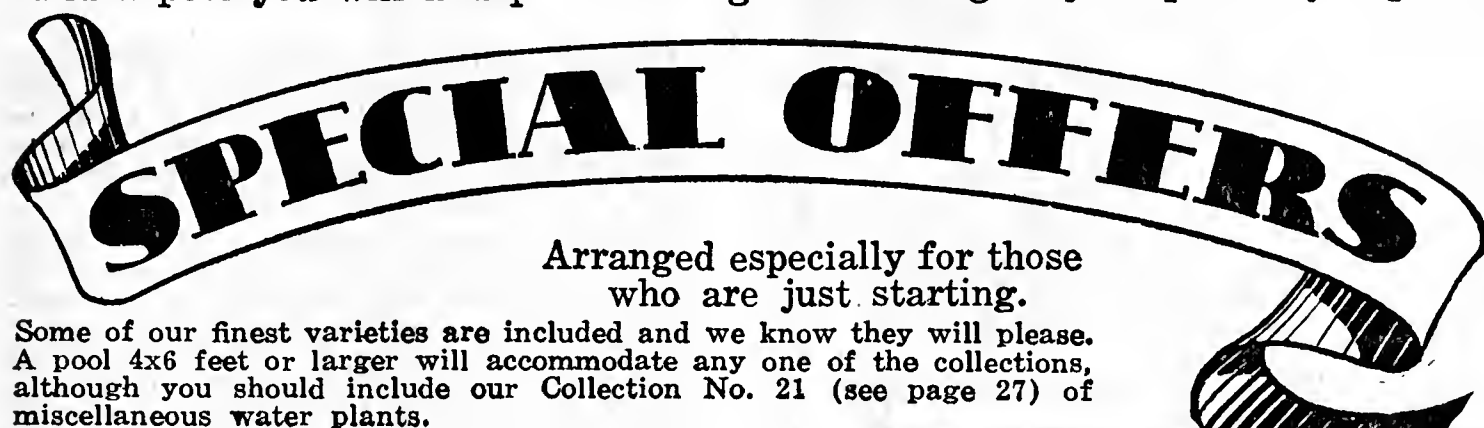
**POOLS.** If you have not built a pool or do not want to go to the expense of building, start with a tub garden, or better, install one of Tricker's portable Mir-A-Pools, illustrated on page 5. This is the easiest way we know to begin this fascinating adventure. If you wish to build a pool you will find practical sug-

gestions on page 3, or send for our free pamphlet, How To Build A Lily Pool. In any case, plan to have your water garden in a sunny place, for lilies thrive best when they receive lots of sun, especially morning sun.

**WHAT TO PLANT.** All lilies are so beautiful it may seem difficult to select the varieties but it really isn't. On this page we list several collections which are ideal to start with. Try both the hardy and tropical varieties if you have room for them, for no pool is complete without both. Then in addition to the lilies you will need various floating and submerged aquatics to complete the picture. We make it easy for you to select by offering the best in our Collection No. 21. (See page 27.)

**HOW TO PLANT.** This and other cultural information is given in detail on the next page. Read this carefully for your questions are answered there.

**GOLD FISH.** You will have no trouble with mosquitoes breeding in your pool if you put in a few gold fish. And if you feed them occasionally they will rapidly become enjoyable pets and add a lively touch of color to the mirror-like depths of your pool.



Arranged especially for those who are just starting.

Some of our finest varieties are included and we know they will please. A pool 4x6 feet or larger will accommodate any one of the collections, although you should include our Collection No. 21 (see page 27) of miscellaneous water plants.

See also special Collections pages 26-28.

## Dainty Trio, \$3.50

(Collection No. 211)

A trio of hardy lilies dainty in size and dainty in color.

**AURORA.** Molten bronze.

**LAYDEKERI PURPUREA.** Rich amaranth red.

**YELLOW PYGMY.** Tiny golden blooms.

## The Nile Duet, \$2

(Collection No. 217)

Two gorgeous flowers which date back to the water gardens of the Egyptians; were held sacred for their beauty.

**CAERULEA.** Exquisite blue day-blooming tropical.

**LOTUS DENTATA.** A gorgeous white night-blooming tropical.

## Gems of Color, \$4.50

(Collection No. 11)

These lilies are indeed gems of color. However, delicacy of shading is but one of their many points of excellence.

**CHROMATELLA.** The most popular of the yellows; hardy.

**PINK OPAL.** Lovely rich pink; hardy.

**BLUE BEAUTY.** Immense flowers of rare deep blue; tropical.

## Elite Trio, \$4

(Collection No. 218)

Our immense stocks enable us to offer these three very choice tropical lilies at this special low price. This collection gives you 24 hours of bloom each day.

**RUBIA ROSEA.** A delightful red night-bloomer.

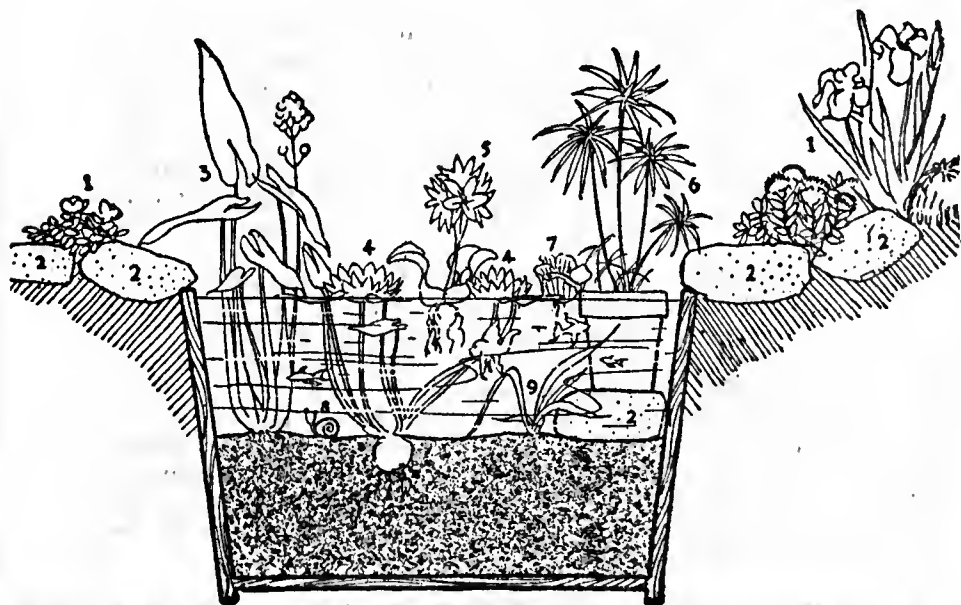
**CAPENSIS.** An alluring blue day-bloomer.

**ZANZIBAR ROSEA.** Select pink day-bloomer.

## How To Make a Tub Garden

We furnish everything you need complete for \$5. (See offer page 4.) The best effect will be gained by sinking the tub in the ground right up to the rim. Fill the tub half full of rich soil, cover this over with half an inch of clean sand and fill with water. The little "pool" is now ready for the water lilies, aquatics and perennials, rock plants and fish. The drawing shows a cross section of a tub garden with plants and water lilies as follows:

- |                   |                                  |
|-------------------|----------------------------------|
| 1. Rock Plants    | 6. Umbrella Fern                 |
| 2. Rocks          | 7. Shell Flower or Water Lettuce |
| 3. Giant Arrow    | 8. Snails                        |
| 4. Water Lily     | 9. Oxygenating Plants            |
| 5. Water Hyacinth |                                  |



# IMPORTANT NOTICE. PLEASE READ

**HOW TO PLANT.** Water Lilies are easily grown. In natural conditions Water Lilies root in rich soil in the shallow water of a marsh or pond where there is plenty of sunlight. These conditions are easily reproduced in the garden.

In a natural pond the Water Lilies may be planted where the water is 1 to 2 feet deep. If the bottom is sand or gravel, the roots may be planted in a basket of soil and sunk an inch below the bottom level. Otherwise they may be simply pushed under the soil or anchored with a stone if the bottom is too soft to hold them.

Small pools, including tubs, may best be partly filled with soil — 6 inches of soil, 6 inches of water is correct. In larger pools a satisfactory method is to use tubs or boxes and plant in the manner illustrated in the diagram.

At least one cubic foot of soil should be allowed for each Water Lily, and more if possible. To obtain satisfactory growth in boxes they must be large enough to provide plenty of nourishment. A single plant in a box 2 feet square and a foot deep, filled with proper soil, will develop remarkable blooms.

It is best (though not necessary) to have a separate container for each Water Lily, as the leaf-spread averages 3 feet in diameter. Shallow water plants should be planted in containers separate from the lilies.

It is poor practice to drain the pool before planting. Boxes and pails in which the lilies are planted can be easily set in the pool. It is also quite simple to set plants in soil beneath the water, as we always do in commercial propagation.

**FERTILIZING AND SOIL.** The best soil for aquatic plants is a mixture of three parts of fibrous loam or good garden soil with one part well rotted cow manure. A heavy soil is satisfactory and gives best results if mixed with manure 3 months to a year before planting. Other manure may be used but not when fresh. Its fermentation may foul the pool and injure the young plants. Instead of the manure you may use a new commercial fertilizer we have developed especially for our plants, named Praefecta. Mix one quart with three bushels of soil, or use a small amount anytime to feed plants. For prices, see right column.

Swamp muck should not be used since it is often foul, sour, or low in fertility. An application of well rotted manure or Praefecta should be given hardy Water Lilies each year and new soil every two or three years.

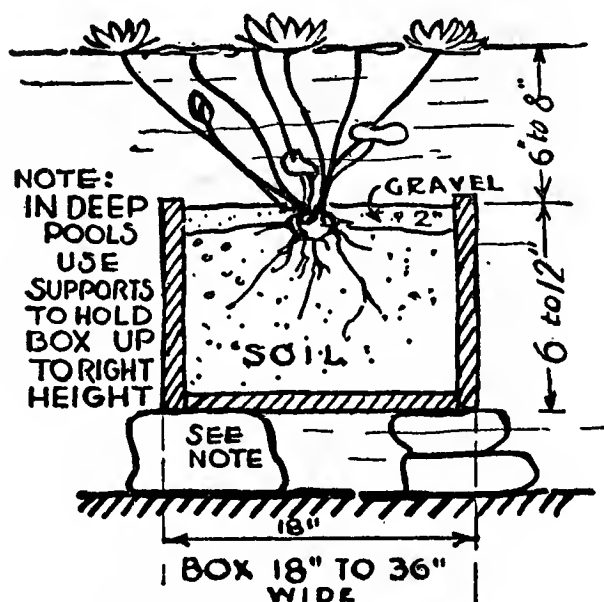
**PLANTING.** Water Lilies should be set with the crown of the plant just even with the surface of the soil, which is then covered with an inch of sand or gravel to keep the water clean. Eight inches of water above the crown is best for the production of blossoms. Any depth from 6 inches to 2 feet will do, but young plants should always be started in shallow water where the warmth of the sun reaches them. Full sunlight on the pool is very desirable for the growth and formation of blossoms. Plant Water Lilies 3 to 5 feet apart in the pool.

**LOTUS.** The Lotus tubers look very much like a large banana. They should be planted in rich soil in a horizontal position about two inches below the surface of the soil. The weather should be quite warm before they are transplanted, for if the tubers are planted in cold water, they very often fail to grow. The water should be shallow, six to eight inches being sufficient in which to start them, but the depth of the water can be increased as the plant develops. Pot plants are simply tubers started in the greenhouse in pots and grown along for late planting. These are turned out of the pots and should be planted in rich soil in six to eight inches of water.

## WHEN WE SHIP TROPICAL LILIES —AND WHY.

We do not ship tropical lilies in the latitude of New York, Cleveland and Chicago until after the first week in June because earlier planting in this latitude is not safe. If you instruct us to ship earlier than this, shipment is made only at customer's risk. Of course, for planting south of the above given latitude, shipments go earlier.

We ship well developed plants and recommend planting them outdoors only after the danger of frost is well past. They ought to grow and flower quickly after they are planted, and will bloom continuously until freezing weather sets in.



How to Plant Water Lilies

**WHEN TO PLANT.** Hardy Water Lilies may be planted after the middle of April, as at that time new leaves appear in the ponds. Half-dormant roots are shipped until July and after that growing plants. Tropical varieties are propagated in greenhouse pools and sent out as growing plants when the temperature averages about 70 degrees, usually not until June in the latitude of New York, Cleveland, and Chicago but much earlier in the South. Tropical Lilies may also be grown in a sun-room or conservatory pool, blooming the year around with the aid of occasional rations of Praefecta poked under the soil. It is to be noted that young tropical Lilies have a tendency to become dormant if planted out in too cold, deep or shaded water; but if the plants are removed to a warm sunny location they usually start to grow again.

**WINTER CARE.** The best winter protection for the Lilies and Lotus is to leave water in the pool and to cover the pool with boards and leaves or straw. Very little freezing takes place; roots and fish are safe and the pool walls cannot crack.

Under normal conditions hardy Water Lilies, Lotus and native aquatics winter in the ponds under water and seldom need protection unless the water gets very low, or if left in a pool which is drained, in which case a covering of leaves, straw, or manure should be provided. If the roots are planted in boxes, the boxes with the roots in may be taken out and covered in a trench, or taken into a cool basement and kept covered with moist burlap until spring. Dry rot is destructive to dormant roots and should be avoided by providing natural conditions of cold and moisture.

Tropical Lilies are best treated as annual plants, and replaced year after year. They may be kept in bloom all year in indoor pools but it is seldom worth while to try to preserve the tropicals unless a greenhouse pool is available.

**WINTER CARE OF TUB GARDENS.** Dip the water out of the tub; fill the tub heaping full of leaves. A few boards on top will hold the leaves in and help drain the water off. If the tub is not buried in the ground, heap leaves up around it as well.

**WINTER CARE OF POOLS.** Pools may be left with the water in if the top is covered with boards and the entire pool heaped over with leaves or straw. Pools which cannot be covered should be drained unless they are heavily reinforced.

Keep pool clear and clean by using scavengers. See page 42.

**PESTS.** How to avoid the problem of the increase of mosquito population is solved by the use of fish. The small black aphids which sometimes infest the leaves and stems of lilies above water should be washed off with the hose so that the fish can destroy them.

**FISH.** See page 43 for winter and summer care and feeding of fishes.

## USE PRAEFECTA FERTILIZER FOR YOUR WATER PLANTS

After years of experimental work in our laboratory we perfected a scientifically prepared chemical fertilizer, our Praefecta, excellent for water lilies and aquatic plants. It can also be used for any other form of flowers and perennials with excellent results. Mix one quart with each three bushels of soil, or use a small amount any time to feed plants. Apply according to instructions on containers. Stimulates growth of plants. Be sure to include Praefecta with your order.

1 Quart Carton .....	\$1.00	10 Pound Bag .....	\$3.25
5 Pound Bag .....	1.75	25 Pound Bag .....	7.00

READ THESE CULTURAL DIRECTIONS BEFORE WRITING TO US.



# It Is Easy To Build a Lily Pool

*Follow these simple plans and directions*

**T**HE building of a lily pool is really an easy accomplishment. So many of our customers have built their own pools. We know it can be readily and successfully done without great expense, especially if the pool be a small one.

Our portable "Mir-A-Pool" is becoming immensely popular. See page 5.

## Formal Pools

Most people prefer to build the formal (square or rectangular) pool with straight sides. An average pool is made by excavating 30 inches deep, and building an inside form which allows a thickness of 6 to 8 inches for the walls and bottom; the sides should be reinforced with rods or wire netting to prevent injury by frost. See drawing of pool below.

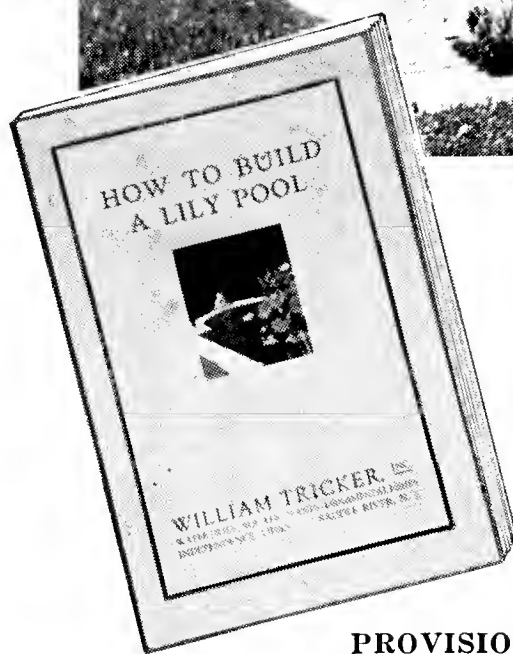
A formal pool can be made without forms by first digging a trench as a form for the walls, and after these have set, the center is dug out and the bottom poured.

**MIXING AND APPLYING THE CONCRETE.** Good results are obtained from a mixture of one part good Portland cement, two parts sharp sand, and three parts half-inch gravel or crushed stone, blended with water and poured into the wetted forms to set as a unit. The forms may be removed when the concrete is firm and the rough places smoothed down with a brick, or a thin coat of cement may be put on with a trowel or even with a paint brush.

**IMPORTANT. CAUTION.** Newly poured concrete should be kept moist for several days by sprinkling or by a covering of moist straw or bagging. It is best to fill and empty the pool several times during a period of at least two weeks to remove alkali which may injure the plants or fish.

## Informal Pools

Excavate a bowl-like depression, leaving sides at about 45 degree angle. Tamp earth bottom and sides. Line sides and bottom with heavy wire fence mesh, supporting it at a distance of 2 inches from the ground to permit concrete to entirely surround reinforcing. Prepare stiff 1-2-3 concrete mix using  $\frac{1}{2}$  inch stone. Pour a 4 to 6 inch layer of this concrete, covering sides and bottom and enclosing wire reinforcing. Smooth with a trowel.



## BOOK ON POOLS FREE

We receive so many requests for detailed plans of pools, drains, etc., that we have prepared a pamphlet on, "How to Build a Lily Pool." In it you will find many helpful suggestions, charts, diagrams and complete instructions. We are glad to furnish this free of charge. See also list of books on page 33.

## Send for Your Copy

**PROVISION FOR WATER PLANTS.** Lilies are generally planted in containers which may be boxes, pails, etc. Their method of placing is shown in the diagram below. Many of the aquatics need to have their feet in the mud in shallow water. As these plants are particularly desirable along the edge of the pool, many people construct a ledge to provide for them. Instead of the side of the pool being brought straight up to the water level, it is set back a few inches below what would be the water level so as to make a ledge or shelf. (See section of pool below.) The inner wall is made higher at the edge of the ledge to hold in place the soil needed for the aquatics.

**WINTER CARE OF POOLS.** Unless heavily reinforced, a concrete pool is likely to need protection in winter as the expansion of ice frequently cracks the walls. A small pool may be covered with boards and litter so that little or no ice can form on it.

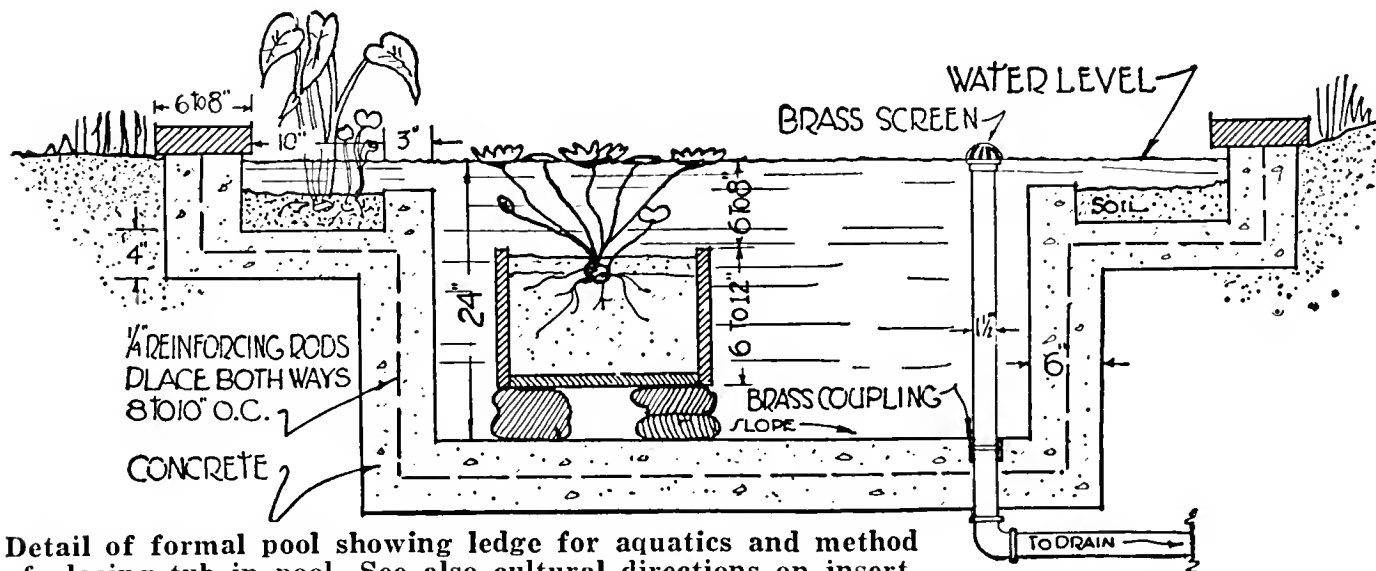
If you are in doubt about any point in the construction or care of your pool, we will be glad to advise you about it.

## Earth Bottom Pools

A pond is easily made by damming a small stream or spring, but it is advisable to direct the flow away from the places where the water lilies are to be grown. Clay soil is very suitable for pond construction by simply digging 2 feet deep, tamping the bottom and sides and filling in 6 inches of good soil. If the soil is loose or porous the pond must be lined with 6 inches of clay which has been pounded and worked with the feet until it is plastic.

## Tubs and Tanks

Turn to pages 4 and 5 for tubs and portable pools for the small garden.



Detail of formal pool showing ledge for aquatics and method of placing tub in pool. See also cultural directions on insert.

*The easiest pool to install is Tricker's Mir-A-Pool. See page 5.*



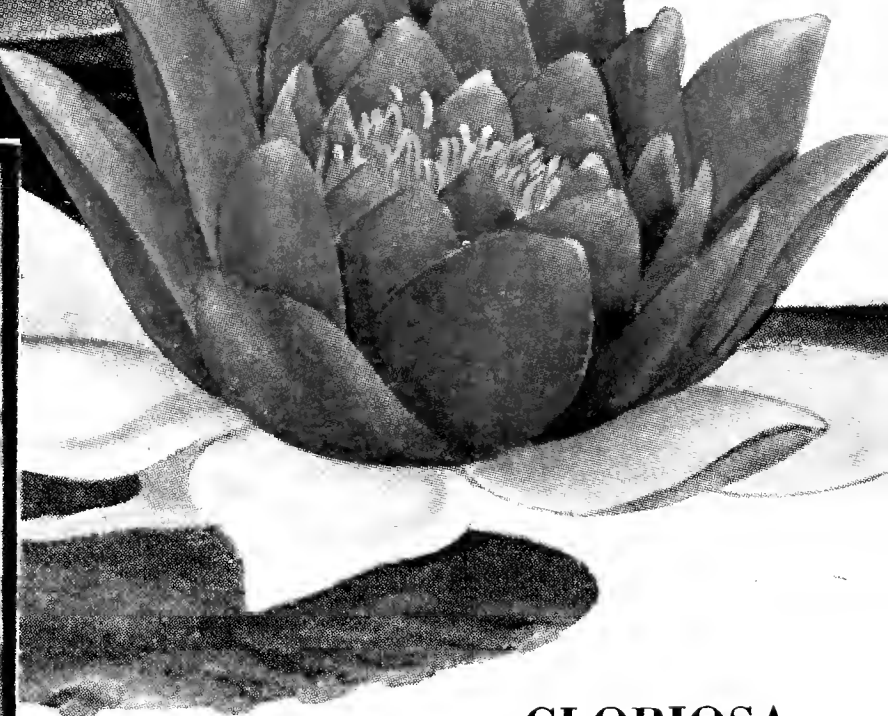
# Complete Tub Garden Only \$5

(See insert opposite page 2 for instructions on arranging and planting a tub garden.)

Collection includes—

- 1 Tricker Water Lily Tub, 2 feet in diameter and 1 foot deep, made of white cedar to last a long time.
- 1 Water Lily, your choice of pink, white or yellow.
- 6 Aquatic Plants, some to be planted in the tub like the lily and others to float.
- 6 Rock Plants or 6 Hardy Perennials.
- 1 Pair Livebearing Snails.

It makes a complete water garden that will delight you all summer. Be sure and tell us your choice of the color of your lily. This collection may be ordered without the tub by deducting \$1.50 from the collection price. Sent F. O. B. from Saddle River, N. J., or Independence, Ohio  
Complete.....\$5



## GLORIOSA

This exquisite hardy red water lily may be purchased singly for \$3.50 each; with tub collection. \$7.

## Extra Tubs

White cedar tubs, made specially strong and durable; excellent for use as soil containers for lilies and plants. \$2 each.

## ORIENTAL GARDEN Collection, \$7.50

(Collection No. 215)

The mystic appeal of oriental splendor brought to your own modern pool with this complete pool collection, which, as illustrated, includes—

- SACRED LOTUS OF THE NILE. Pink.
- GLORIOSA. Exquisite hardy red water lily.
- AURORA. Sunset shades of rosy-yellow.

One each of: Cattail, Water Hyacinth, Water Poppy, Papyrus, Arrowhead, Yellow Water Iris and Water Arum. Complete Oriental Collection No. 215, \$7.50.



# TRICKER'S Portable "MIR-A-POOL" \$14.50

*The easy way to have a beautiful and permanent pool without fuss or expense*

This new type of pool was instantly popular when announced last year. It offers just what everyone has been looking for—an inexpensive way to have a nice sized pool, big enough for three lilies. This pool comes to you all folded up, ready to install. When in the ground it makes a pool 4 ft. 7 in. wide, 7 ft. 7 in. long, and 19 in. deep. It is made of heavy fabric, chemically treated and coated with asphaltum rubber compound to make it water-proof. The inside is finished in Tricker's beautiful Mediterranean blue color. All you need to do is to unfold the "Mir-A-Pool," excavate a hole the size and shape of the pool, drop it in, fill it up, and your pool is ready. With each "Mir-A-Pool" we send complete, easy-to-follow instructions. Just a few minutes work according to these simple directions and you have a little gem of a pool.

## Guaranteed to Last Several Years

Our laboratory experiments indicate that the "Mir-A-Pool" will last for many years. We know of no way in which you can get a satisfactory water-tight pool, as beautiful as this one, good for years, for anything like this price. It can be left outdoors all winter without being harmed by freezing. "Mir-A-Pool" comes packed in a container ready to install. Price \$14.50 F. O. B. Saddle River, N. J., or Independence, Ohio.

## "MIR-A-POOL" PLANT COLLECTION, \$6.50

This collection includes all the plants necessary for an attractive display in the new "Mir-A-Pool." In addition to 4 corner plants, 3 floating plants, and 6 submerged plants (our selection of these 13 aquatic plants), it includes the 3 charming lilies—**AURORA**—Rosy yellow changing to deep red; hardy. **CASTALIFLORA**—Large, fragrant pink; day-blooming. **HENRY SHAW**—Lovely campanula-blue; day-blooming. This "Mir-A-Pool" Collection (Collection No. 40) complete for ..... **\$6.50**

## Fishes and Scavengers, \$5.50

An interesting, well-balanced group of fishes and scavengers for the "Mir-A-Pool" would be Collection No. 30E. It includes 12 Common Goldfishes, 2 Calico Fishes, 6 each of Tadpoles, Jap Snails, Ramshorn Snails, 2 Clams and a pair of American Salamanders. Including shipping can. Collection 30E.... **\$5.50**



### "I WOULD NOT BE WITHOUT A MIR-A-POOL"

August 27, 1931

In regard to the Mir-A-Pool I purchased from you last April, it has been a sort of amusement in our neighborhood. There were as many as 20 persons came to see it at one time.

Everything that you shipped for the Mir-A-Pool bloomed. There were as many as 11 lilies out at one time, in 3 different colors.

I would not be without a Mir-A-Pool if it cost four times as much. The goldfish are getting along excellently; I did not lose any of them. I am sending a picture that I took of my Mir-A-Pool. (See above.)

William A. Golden, Scranton, Pa.

## Everything Complete \$25

(Collection No. 40A)

Should you wish the "Mir-A-Pool" complete with lilies, plants, fishes and scavengers, we can furnish all for ..... **\$25**



This shows the beautiful "Mir-A-Pool" in a lovely setting.





THIS is an aeroplane view of the water gardens at Saddle River, N. J. Points of interest are: A. Main Office. B. Greenhouses and tropical lily display rooms. C. Goldfish pools. D. Lily propagating ponds. E. Fish pond, native lilies and aquatics. F. Perennials and rock plants. G. Main highway from New York City. H. Highway from Ridgewood, Paterson and Newark. J. Display pools and parking space.

## Pay Us a Visit

To anyone interested in water plants and fishes our water gardens located at Saddle River, N. J., and Independence, Ohio, will prove most interesting. We invite you to drive out to either plant and look around as long as you wish. Our largest display is at Saddle River, where we have 17 acres in our water garden, which, during the lily blooming season, is an inspiration to behold.

We welcome visitors on any day. Our gardens are open on Sundays for the convenience of our guests. Many drive out during the summer season and make their selections while the plants are in bloom. And from the number of orders we fill for customers who visit our gardens, we are convinced that those who can visit us get real pleasure in making their purchases in this manner. When possible we try to guide you about to see the many interesting sights, but during the busy season we cannot accompany guests over the grounds, but come anyway.

### How to Reach Us

Saddle River, N. J., is northwest of New York City and straight west from Tarrytown on the Hudson. It is easily reached from the city and its environs on Route 2. Our gardens at Independence, Ohio, are eight miles south of Cleveland Square on Route 21.

## OLDEST and LARGEST —That's Why We Serve You Better

For 26 years the name of Tricker has been identified with water lilies, their hybridization and distribution. During that time this business has grown to the point where it now leads the field as the largest producing and distributing organization in the combined aquatic plant and ornamental fish industry. Our two large and complete water gardens enable us to satisfactorily serve both the east and west. In fact, Tricker products are safely shipped to all parts of the world.

Had not thousands of customers found out that they could depend upon Tricker to deliver the best in everything for the water garden, our business would not have grown and prospered. Each year we retain thousands of satisfied customers and win hundreds of new ones, and this is why—only at Tricker's can you find complete stocks of all the finest in hardy and tropical water lilies and aquatic plants. Our immense facilities enable us to set a standard of quality above the average and maintain this at all times. Our customers find they get good plants, good service and their money's worth, and avoid disappointments.

### Let Us Help You With Your Problems

Although this catalog is a complete hand book on the growing of aquatics, our customers sometimes find that they need personal advice on some vexing question. We are always glad to assist in any way we can if you will write us about your problem. Whether it be a matter pertaining to pools, plants or fishes, our experts can usually help you. All that we ask is that you first look through this catalog carefully, for perhaps your contemplated questions are answered right in this book or in the special pamphlets we offer free.



*Chas. Tricker*  
Pres.

Before writing your questions, be sure to read "Cultural Directions" opposite page 3.



# HOW TO ORDER

## Terms and Policies

**WE** give these complete instructions to help you avoid delay and misunderstanding. In ordering, read this carefully, use the order blank enclosed, and send your order to our office nearest you—either to Independence, Ohio, or Saddle River, New Jersey.

**ORDER EARLY.** This is most important. There are two reasons. Those who order early are certain of our having on hand whatever they want. In May and early June our shipping department is over-worked and we cannot give as prompt service to orders sent in late. We wish to advise you to order immediately and leave it to our judgment as to the proper time to ship for planting in your locality. Orders received after May 1 will be shipped in rotation received as rapidly as possible. Canadian customers may avoid delay, also, by enclosing with their orders the number of their permit to import plants, obtainable from the Plant Pest Board, Department of Agriculture, Canada.

**HOW AND WHEN WE SHIP.** All shipments are made by express collect. Should you instruct us to send plants by parcel post, it will be entirely at your own risk, for we cannot assume responsibility for loss, damage or condition of the plants sent this way. However, if you do wish your shipment by parcel post, please send us funds to cover the postage, for we do not pay transportation charges on orders sent out either by parcel post or express. Live fish are shipped in water and must go by express.

**Water lilies and aquatic plants** may be shipped safely any time of the year. Hardy water lilies may be planted any time, but we cannot ordinarily take them from the growing ponds until the end of March. Contrary to the erroneous advice, late planting does no harm.

**Tropical lilies** may be set out whenever the weather is settled and the temperature averages 70 degrees Fahrenheit. This means they may be planted about June first in the latitude of New York, Cleveland and Chicago.

**Goldfishes, aquarium plants and supplies** are shipped any time during the year. Tropical fishes are shipped in ordinary cans from June 1 to October 1, but the remainder of the year it is best to use one of our special shipping cans, well insulated against cold. A deposit of \$3 is required to insure the prompt return of the insulated can.

**TERMS.** (Effective Jan. 1, 1932). These prices cancel all other prices. We accept orders only when accompanied by funds sufficient to cover the price of the goods and 50 cents extra for the shipping pail when fishes are included. Please note that we do not pay express charges or postage on any shipments. NOTE: We make a charge of \$1.00 to cover overhead costs on orders which are canceled. This \$1.00 is deducted from the remittance when it is returned.

**GUARANTEE.** Our stock is true to name, packed with the utmost care, and it should reach you in satisfactory condition. We are not liable for damage which occurred in transit. If shipment is not in good condition, notify the Express Company and answer the following: Date and time of delivery. Condition of the package, or can, if fishes are shipped. Condition of the water in the can. Describe in detail any loss and possible cause.

Your claims or complaints must be made within ten days after receipt of stock. No attention to claims or complaints will be given after this time has expired.

A sure indication of the quality of our stock is the fact that we have customers who have sent us orders year after year since our first catalog was issued.

We reserve the right to replace unsatisfactory shipments if the damage or loss is not the fault of the carrier. We also protect our customers by filing claim against the carrier for goods damaged while in transit, providing the losses are substantiated by a Bad Order Report from your local express agent.

**OUR PRICES.** We believe our prices are as low as any reliable grower can offer in the same grade of goods. Some may offer lower prices, but the best goods are always cheapest in the end. Try ours.

**SUBSTITUTION.** In case we should be out of one or more varieties of plants or fishes on your order, with your permission we will substitute with some equally good, or with material of greater value than the original order.

**CULTURAL DIRECTIONS.** We have included these in detail in this catalog. Also, for your convenience we have them printed on small leaflets which we send with every order.

## INDEX

Use this handy guide to everything for the water garden.

### WATER LILIES

New Introductions—Pages 18-19.

Tub Gardens—Page 4.

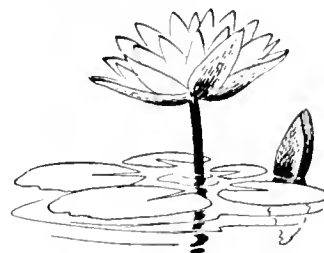
Day-blooming. — Pages 10-13.

Night-blooming—Page 14.

Hardy Water Lilies — Pages 19, 20-23.

Victorias—Page 14.

Collections—Pages 26-30.



### EGYPTIAN LOTUS

This mystic flower of the Orient is a charming companion to the water lily.

Lotus in variety — Pages 18, 25.



### FLOATING PLANTS

These unusual and attractive plants float on the surface of the water. They add character and interest to the water garden and are unusually easy to grow.

Complete list—page 32.

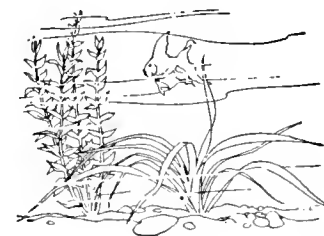


### OXYGENATING PLANTS

These are submerged growers, so named because the leaves give off oxygen which freshens the water and assists in keeping it pure and clean.

Plants for pools—page 32.

For aquariums — pages 40-41.



### MARSH OR BOG PLANTS

No water garden is complete without some of these water plants.

Complete list—pages 30-31.



### PERENNIALS AND ROCK PLANTS

Margins and backgrounds may be made beautiful with these particularly suitable varieties we offer.

Complete list—pages 34-35.

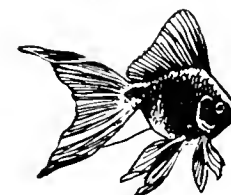


### ORNAMENTAL FISHES

Goldfishes for flashing colors. Tropical fishes for indoor aquariums.

Goldfishes—pages 36-37.

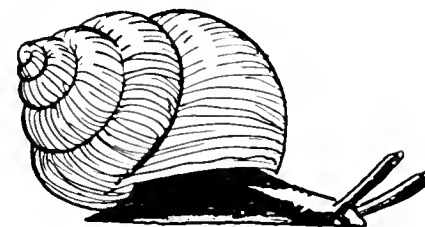
Tropical Fishes—pages 43-47.



### SCAVENGERS

Animal life is needed in the pool or aquarium to help keep it clear and clean.

Snails, Clams, Etc.—page 42.



### FISH FOOD And Supplies

Fish Food—Page 38.

Fish Supplies — Page 38.

Aquariums—page 39.



Order early and avoid disappointment. Early orders get first attention.

# Only Tricker Can Offer This Lavish Display of Tropical Water Lilies

In the following eight pages we illustrate and describe the largest collection of practically all the desirable varieties of gorgeous tropical lilies ever made available to flower lovers. To present such a lavish display of this most popular type of water lilies in quantity sufficient to satisfy the whims and desires of water garden enthusiasts requires facilities not available to the average grower. That is why those who come to appreciate what is truly fine and best in water lilies eventually come to Tricker for rare novelties as well as unrestricted choice of popular varieties.

We do not claim to offer all varieties of tropical lilies that have been developed. Rather are we serving you better by offering only the best in the finest assortment of colors. We know from experience our cus-

tomers wish only plants which we can guarantee to be strikingly beautiful, sturdy growers and free blooming. Any variety offered in this catalog we guarantee is sure to please.

## GROW TROPICAL LILIES

### *You Will Like Them Best*

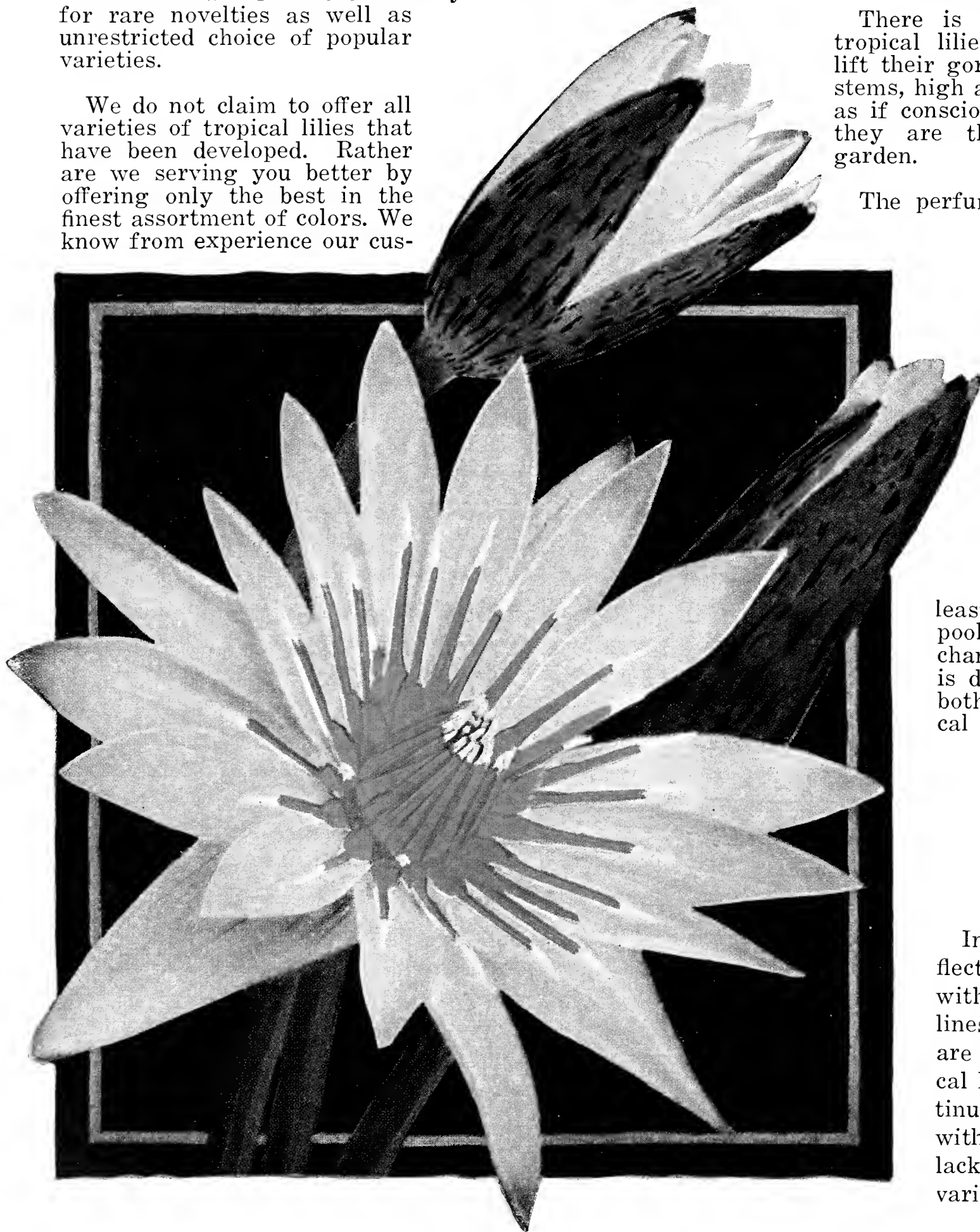
There is splendor and majesty in the tropical lilies not found in others. They lift their gorgeous flowers on strong, erect stems, high above the water and other lilies as if conscious of their superiority. Truly they are the aristocrats of the water garden.

The perfume of many varieties is magnificent and so powerful at times it permeates the atmosphere of a whole yard — even into the indoor rooms when windows are open. There is an exotic tropical splendor in their leaves and immense flowers which bring such a pleasing and interesting note into the modern pool. Then, too, their marvelous shades of purples and blues are found in no other lilies.

Surely no pool, however small, is complete without at least one tropical lily, and the large pool which really gives the lilies a chance to develop as they should, is delightful beyond compare with both day and night-blooming tropical lilies.

## BLUE BEAUTY

In color this variety seems to reflect the blue of the summer sky, with the stamens marking gold lines over the petals. The flowers are larger than most of the tropical lilies, and come freely and continuously all summer. A collection without Blue Beauty will certainly lack one of the best day blooming varieties. Each \$2.50.





August Koch

Rubra Rosea

Juno



## How To Grow Tropical Lilies

The size of their bloom depends greatly upon the room given the plant, the amount of soil and the warmth of the summer. The quantity of flowers produced is really remarkable—we have had plants that produced over 100 flowers in a single season. These lilies adapt themselves to any amount of soil and will thrive and bloom in the tub garden, but, of course, the flowers will be smaller. They are best suited for artificial pools, and a box of soil 2 feet square by 1 foot deep is none too much to provide for each plant. Our white cedar tubs are just right as containers. Allow a surface space at least 5 by 5 feet. For an unusual display, place two plants in a 3 foot box and allow a little more surface space. See also cultural directions opposite page 3.

## THE INDEPENDENCE TROPICAL TRIO, \$5

(Collection No. 12 as illustrated)

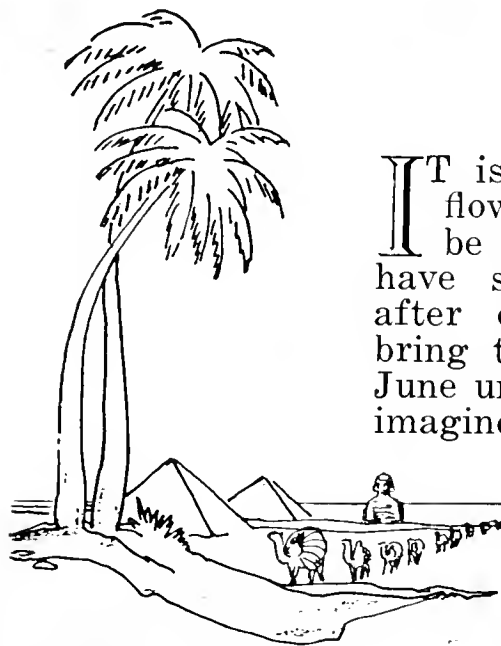
This delightful collection will bedeck your pool with gems that shine for 24 hours each day, for there are two night-blooming and one day-blooming variety included. In the early evening when a pool is most enjoyed there will be lovely flowers to greet you. Three entrancing colors as follows:

**AUGUST KOCH.** Wistaria-violet; day-blooming.  
**RUBRA ROSEA.** Deep red; night-blooming.  
**JUNO.** An Egyptian white; night-blooming.

*Include "Praefecta", the best fertilizer for water lilies, in your order. See page 17.*

# DAY-BLOOMING TROPICAL

*Provide Immense Flowers—Gorgeous Colors  
and Flower from June until Frost*



It is hard to believe that a flower so easy to grow can be so beautiful. Unless you have seen the loveliness day after day that tropical lilies bring to the garden pool from June until frost, it is difficult to imagine. Words do not suffice to describe the magnificence, the pure and sparkling colors, the fragrance and other fascinating qualities of these

flowers which have won so enthusiastic a following.

Considering their intense blooming season and the quality of their flowers, tropical lilies are the most economical and beautiful garden flowers. As cut flowers they last from three to five days.

As the name signifies, this group of tropical water lilies keep about the same open hours as their hardy sisters and bring to the daylight hours the same elegance that the night-bloomers furnish at evening. They are open from early morning until middle or late afternoon.

The tropical water lilies are all started in tanks in our greenhouses. The young plants are started in pots and are turned out of these before packing. They make very rapid growth but should not be planted until warm weather is assured. In the latitude of New York City this is early June. The plants soon begin to develop and flower—the climax is reached in August.



A fine planting of Tropical and Hardy Lilies and aquatics in pool of Mrs. Etta Hendersen Sullivan, 50 Hillside Road, New London, Conn.

Although tropical lilies will winter in greenhouse pools, the splendid bloom from young, vigorous plants more than offsets the slight extra cost of new plants each year.

**IMPORTANT.** Read cultural directions opposite page 3 before writing us. Most all of your questions are answered there.

## DAY-BLOOMING TROPICAL LILIES

Listed According to Color

\*Indicates the leaf propagating varieties: All of this group have the interesting habit of producing flowers and young plants in a ring about the mother plant on the older leaves, formed where the stem joins the leaf.

### BLUE

**BLUE BEAUTY (or Pennsylvania).** Deep blue flowers a foot across and produced very freely. The yellow stamens form a pleasing contrast to the petals. Sepals marked with purple lines and dots. The leaves are slightly speckled with brown above; beneath the ground color is red-purple at the edge, shading to pale green centers. Desirable in a small pool or tub. Very choice but popularly priced. (See colored illustration page 8.) Our best seller. \$2.50.

**MRS. EDWARDS WHITAKER.** The largest and most striking of the day blooming tropical lilies, obtained by crossing Ovalifolia with Castalia. The blooms are frequently over a foot in diameter and are produced in quantity. The color is lavender-blue, which becomes paler as the bloom ages. Petals slightly rounded at the tips and quite numerous. In all our exhibitions we have found no nymphaea attracting greater admiration than the Whitaker. At its best in a large pool, but can be accommodated in closer quarters. A bouquet which lasts all summer. \$2.50.

**COL. LINDBERGH (A true blue.)** This has enormous flowers with wide petals of deep caerulean shade which surpass all the other blue nymphaeas in size, fragrance, color and beauty. As the name implies, the flowers tower in the air high above the water. The leaves are large and oval and pleasingly marbled with brown on top and flaked with purple and brown blotches beneath. We offered Col. Lindbergh as our finest contribution for the season of 1929. \$3.50.

**HENRY SHAW.** This lily is a beautiful campanula-blue color and has stamens of lemon-chrome tipped with light campanula-blue. It is a moderate grower, a free bloomer, and has a delightful fragrance. It is an excellent day blooming variety that has been named in honor of the founder of the Missouri Botanical Gardens. A beautiful lily. \$1.50.

**MARMARATA.** A splendid variation of Mrs. Edwards Whitaker. The flowers are identical in color, being a beautiful lavender-blue, but they are of larger size and are produced very freely. The main difference is in the foliage. The attractive green leaves are mottled and streaked with chestnut brown, making a striking contrast. Illustrated in color on front cover. \$2.50.

**CAERULEA.** This is the ancient blue "Lotus of the Nile." Day blooming. \$1.25.

**CAPENSIS.** This lily has flowers of a rich sky blue. It is particularly popular for cutting. \$1.50.

*Night-Blooming Tropical Lilies are listed on page 14.*



# WATER LILIES

**\*MRS. WOODROW WILSON.** This lily has lavender-blue flowers of large size. It is an extremely satisfactory day blooming variety for medium sized pools. \$2.

**\*BLUE BIRD.** This beautiful lily was named after listening to the praise for it made by visitors to our nurseries. Its flower is a rare, true blue color that is uniform throughout the petals and sepals. It is full-petaled and slightly cup-shaped. You will like this exquisite flower. Its pure color will loom up in a delightful display above the water. It has distinct class, the character of which you would expect in a new and rare creation. A day bloomer. \$5.

**\*DAUBEN.** The best known viviparous lily. It produces small, light blue flowers in great profusion during the day. Its small leaf plants often bloom while still attached to the parent. Fine for tub or aquarium. \$1.

**INDEPENDENCE BLUE.** Flowers are a very fine shade of blue. \$1.50.

## WHITE

**MRS. GEO. H. PRING.** A new and novel type that produces numbers of large, fragrant, white flowers with pointed petals. Very attractive among the pinks and blues in a pond and excellent when used alone in a formal setting. It is the counterpart of the Mrs. Whitaker in pure white. Petals broader at the base and more pointed at the tip. Has been known to produce 13-inch flowers, but like the Whitaker, will also bloom in very small quarters. It is unusual that this, the only hybrid white lily, should be so superior in every respect to the common white *Gracilis* of Mexico. Will combine with any color. (Illustrated in color on page 13.) \$2.



Dauben blooming in tub garden. This shows the results gained by one of our customers growing a tropical lily in a 24" sewer pipe, plugged at one end and sunk in the ground.

**GRACILIS.** This is the white, day-flowering, tender *Nymphaea* of Mexico. The flowers are sweetly scented. \$1.75.

**\*JANICE.** An exquisite pure white flower, bell-shaped with many stamens. This tropical day bloomer is the finest achievement of modern *nymphaea* culture, being the first white lily to bear small plants on its leaves as well as being superior to both of the present white tropical lilies. The shape of the flower is different from the star-shaped Mrs. Pring which was crossed with Independence in producing this fine new variety. Janice is a purer white and more handsome flower than either of its parents. Its superior flowers will contrast beautifully with lilies of other colors. (1928) \$2.50.

## PINK

**GENERAL PERSHING.** This variety was named in honor of our great General, but on its own merits has gained wide distinction. Without doubt. (Pink varieties continued on next page)



Tropical lilies in pool of Mrs. F. M. Holbrook, Westminster Ridge, White Plains, N. Y. Photograph by Walter P. Daniels. This illustration was prize winner in Picture Contest, International Flower Show.

## COLLECTION

### The Seven Most Popular Day-Blooming Lilies

As the seven most popular of the day-blooming tropical water lilies we have selected for you these delightful varieties which have the greatest flower production, color range, fragrance and proven popularity. Full descriptions are given in the general list classified according to color. Collection consists of one each of the following:

**BLUE BEAUTY.** Deep blue flowers.  
**GENERAL PERSHING.** Finest of all pinks.  
**MRS. ED. WHITAKER.** Largest lavender.  
**MRS. GEO. H. PRING.** Fragrant white.  
**AUGUST KOCH.** Wisteria violet.  
**MRS. C. W. WARD.** Rose pink.  
**PANAMA PACIFIC.** Reddish purple.

Value, \$17.50  
 Special Collection  
 Price  
 (Collection No. 2)

**\$14**

(For complete pool planting add Collection No. 22, page 27)

Read what our customers say about Tricker lilies. See page 15.

## Pink Day-Blooming Lilies—Cont.

it is the finest of all pink tender lilies, both in size and color. Being a hybrid from Mrs. Whitaker and Castaliflora, it has inherited its size from the former but is an improvement upon the color of the latter. The dark green buds are striped with purple. The flowers are of great substance, delightfully fragrant, open early in the morning, and are indeed most distinct from any of the other pink day blooming water lilies. A most prolific bloomer; awarded silver medal of the Society of American Florists in 1923. (See color cut below.) Strong plants. \$3.50.

**\*INDEPENDENCE.** The first novelty produced from Independence. Viviparous nymphaea of deep pink coloring instead of the regulation blue of that class. It has a gorgeous, full petaled flower that opens earlier and closes later than any other day bloomers. The plant is vigorous in growth and free-flowering. In fact many of the leaves produce large buds and flowers when the tiny leaf plants have scarcely unfolded their leaves. (1927) \$2.50.

**MRS. C. W. WARD.** A most charming variety with petals of rich rose-pink illuminated by a mass of golden stamens. Flowers are borne well out of the water, with the profusion of the Gracilis type from which it is a descendant. (See colored illustration on page 16.) \$2.

**CASTALIFLORA.** The flowers are very large and fragrant and colored a light pink. A day bloomer of moderate growth. \$1.50.

**GRACILIS ROSEA.** The flowers of this plant are rose-pink and are star-shaped. A reliable day bloomer. \$2.

**GRACILIS RUBRA.** Has rich red colored, star-shaped flowers, and is also a good day bloomer. \$2.50.

**\*PATRICIA.** A wholly charming and marvelous free-blooming lily. Beautiful crimson flowers. Buds are copper bronze, and the under leaf flecked with red. The Patricia is one of the true Independence hybrids in that it bears young plants from the center of the leaf. Being unusually prolific we are able to offer it at an unusually low price. Of moderate growth. It is admirable for tub culture or for use in small pools. \$2.50.

**STELLA GURNEY.** Its flowers are large, star-shaped and a light pink. A variety that pleases. \$2.

**ZANZIBAR ROSEA.** One of the day blooming African Lilies that is colored a delightful pink. \$1.50.

## PURPLE

**\*AUGUST KOCH.** As a variety suitable for all general purposes there is none that surpasses August Koch. It belongs to the same group as Dauben, Mrs. Woodrow Wilson, and Panama-Pacific. We have had this variety continue in bloom for four years in our greenhouses. The flowers are 7 to 8 inches in diameter and open for four to six days. The sepals are purplish lilac and the petals pale wistaria-violet (Ridgeway color chart). Foliage strong and attractive. (See colored illustration on page 13.) \$2.50.

**\*PANAMA-PACIFIC.** This variety was produced by the late William Tricker. The buds, as they come out of the water, are bronzy green spotted with a reddish brown. An excellent variety for the conservatory in winter. (See page 17 for color illustration and further description.) \$2.50.

**JUPITER.** (Zanzibar Purple). The most popular of the Zanzibar lilies. The flowers are a deep blue with purple tints and very attractive. This day-blooming African Lily has characteristic bell-shaped flowers and very many stamens that are strikingly different from all other water lilies in form and fragrance. The plant is very adaptable and thrives whether the roots are confined in a small pot or in a large box. A superb variety. Illustrated in color on front cover. \$2.

**WILLIAM STONE.** This is a particularly attractive violet-purple lily that was originated by the late William Tricker. The blossoms are star-shaped and open early in the morning and do not close until late in the afternoon. The flowers are carried well above the water. \$2.

## GENERAL PERSHING

(Left)

Without doubt, it is the finest of all pink tropical day-blooming lilies, both in size and color. In bud, the dark green buds are striped with purple. In flower it is indeed gorgeous, with its petals of warm bright pink. The flowers are of great substance, delightfully fragrant. A most prolific bloomer. (Now offered at a new low price.) \$3.50.

General Pershing, illustrated below, is one of the varieties selected for our Gems from the Tropics Collection illustrated on front cover.



Interesting and helpful books on water gardening are listed on page 33.



# HYPERION TRIO

**\$6.50**

(Collection No. 219)

Hyperion, the Sun God of the classic Greeks, typified to their beauty-loving minds the incarnation of light and beauty—qualities which are likewise incarnated in these three radiant lilies, General Pershing, Mrs. Pring and August Koch illustrated on this and opposite page. All day-blooming tropicals, they afford a delightful color combination.



## MRS. PRING

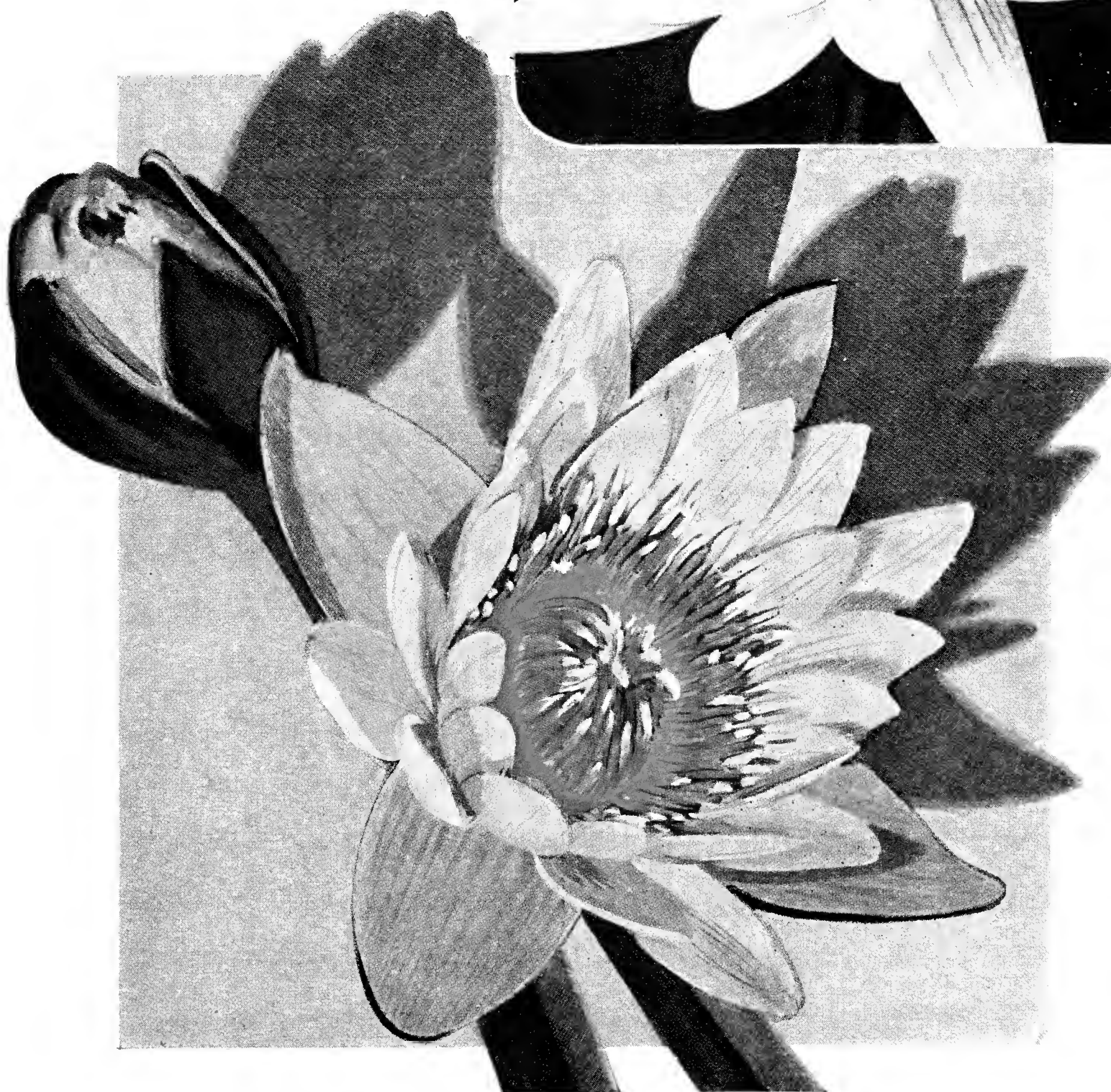
(Above)

Because of its color, fragrance and size, this 1924 introduction has become the most popular white tropical day blooming water lily. Pure white, of large size, (8 to 10 inches across), extremely fragrant, and most prolific in blooms, it has aroused admiration wherever seen. \$2.

## AUGUST KOCH

(Left)

This day-blooming tropical lily is a remarkable bloomer. It is one of the most beautiful of the lilac or violet shades. The flowers, which are from 7 to 8 inches in diameter, will remain open for several days. Can readily be grown in a suitable tub. \$2.50.





# NIGHT-BLOOMING

## Tropical Water Lilies

*Vivid Reds — Sparkling Whites —*

*Enticing Pinks*

**Y**OUR pool will put on evening dress every night if you plant these majestic varieties of night-blooming lilies. There is something fanciful about the way the dazzling blooms open as the others are closing in sleep, and remain open all night, reluctantly closing the next morning when the sun again gets bright. On cloudy days they sometimes remain open all day as well. Night-blooming lilies will surely make your pool a show place during the hours when the grounds are most usually enjoyed by family and guests.

### RED SHADES

**FRANK TRELEASE.** The most popular lily of its type because of its rich dark crimson color. See illustration page 16. \$2.

**RUBRA ROSEA.** The most productive of all the Nymphaeas. Our exhibition plant usually has 5 to 8 blooms open at one time and is always enthusiastically praised. There is some question about the color of the lily corresponding to this name as the original Nymphaea rubra differs in various localities in India. Our strain is a rosy carmine and is quite star-shaped due to the unusual shape of its petals which are broad at their base and taper to a long point. \$1.50.

**DEVONSHIRE.** The bright rosy red flowers of this lily bloom well out of the water. This plant is one of the most desirable of the night-bloomers. Illustrated on front cover. \$1.50.

**GEO. HUSTER.** A free-growing and free-blooming variety with flowers that are from 10 to 12 inches across and crimson in color. Surely this is the most desirable member of the night-blooming water lilies. \$2.

### WHITE VARIETIES

**JUNO (Dentata Superba).** The most perfect modern flower developed by cultivation from the sacred white Lotus of Egyptian tradition. Blooms easily 8 to 12 inches across and persists all summer and fall, making the plant a magnificent sight in the morning. Has a flower of great decorative charm since it is composed of very broad, heavy petals that open widely revealing wide, flat, saffron yellow stamens. \$2.50.

**LOTUS DENTATA.** A gorgeous white night bloomer. \$1.50.

### PINK VARIETIES

**BISSET.** A night bloomer of unusually free-blooming habit. The flowers are of a beautiful rose-pink color, 8 to 10 inches across; the petals are broad and slightly concave, giving the bloom a cup-shaped form. \$1.50.

An attractive pool of night blooming Tropical Lilies. These varieties have very distinct and beautiful leaves.

### Night Blooming Collection The Finest Five

We are recommending a few outstanding varieties that are of exceptional quality and beauty. Their flowers are of magnificent size and gorgeous colors.

**BISSET.** Rose-pink.

**FRANK TRELEASE.**

Dark crimson.

**JUNO.** Magnificent white.

**KEW.** Delicate pink.

**RUBRA ROSEA** Rosy carmine.

One each, value \$9.50.

Special Offer (Collection No. 1) ..... **\$7.50**

For aquatic plants to be used in the pool that will carry these lilies see No. 22, page 27.

**EMILY GRANT HUTCHINGS.** A splendid new variety which produces exceedingly large, amaranth-pink flowers. See full description on page 18. \$3.50.

**H. C. HAARSTICK.** Another lovely new night-bloomer. Large, rose colored blooms. See page 18. \$3.50.

**MRS. GEORGE C. HITCHCOCK.** A valuable new night-bloomer in the pink-flowering class. See page 18. \$3.50.

**OMARANA.** A lily quite deserving of its popularity. Its general effect is a pleasing, variegated pink produced by deep shading on the outer edges of the petals that fades into a white stripe through the center line. Flowers are quite large. \$1.50.

**KEW.** The delicate pink flowers are quite large; the leaves are green, streaked and mottled. Blooms freely. A novelty, see page 18. \$1.50.

**STURTEVANT.** This exceedingly beautiful night-blooming lily is a splendid hybrid variety. The flowers are 8 to 12 inches across and a bright red. This variety produces a striking effect when several of the immense flowers open in a group. It requires liberal treatment and a hot summer to bring it to its greatest perfection. One of the very best Nymphaeas, making an ideal center piece for a large pool. \$2.

### VICTORIAS (V. Trickeri)

An interesting aquatic plant characterized by enormous leaves, often 6 feet across, with the edges turned stiffly erect to the height of 3 to 8 inches. The weight of a child is easily supported by the leaves. Victorias thrive under the same conditions as the tender lilies but for full development require plenty of space.

A variety which does well with proper care in the latitude of Cleveland. The flowers are enormous, 15 to 18 inches in diameter, opening white on the evening of the first day, and closing the middle of the following morning. On the second day the flower opens about four o'clock in the afternoon and is colored a deep pink. The fragrant flowers smell very much like a ripe pineapple. Adapted only to very large pools or natural ponds where they are very showy. \$10.



Collections of lilies and water plants appear on page 26-30.



## Some Interesting Pools Built by Our Customers

*Read what they say  
about Tricker products.*

*(Numbers refer to illustrations.)*



### "REMARKABLY SUCCESSFUL"

1. I am enclosing an order for our aquarium and feel that you may be interested in some small pictures of our pool built last spring. It seemed remarkably successful for a first year venture, and we cannot express our pleasure in the beauty of the lilies and the amusement afforded by the fish, especially by their babies. The pool was never without blossoms and had as many as eight lilies at one time — a generous number for a 4x6 pool. Nor was it often without admiring visitors some of whom proceeded to duplicate it promptly.  
Mrs. R. Byington, Summit, N. J.

### "POOL IS A SOURCE OF CONSTANT PLEASURE"

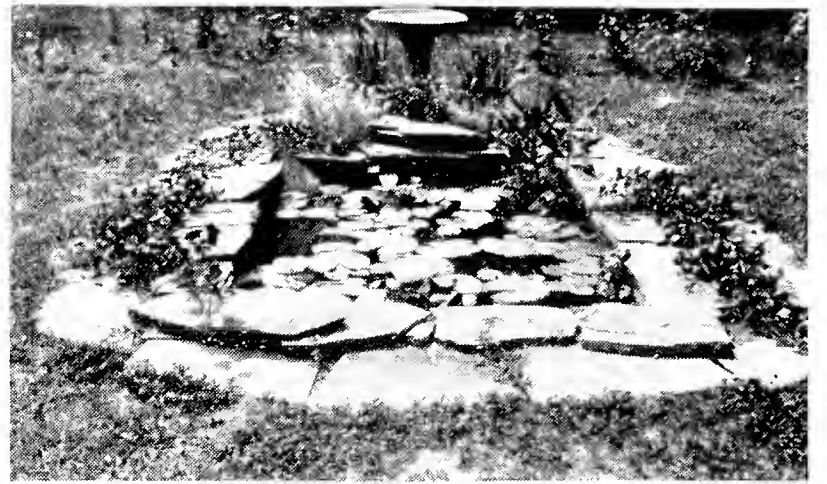
2. My lily pool, rock garden and gold fish which I purchased from you are a source of constant pleasure to me and they are the center of attraction in my garden. My rock plants are a great success and I have had continuous blooms on my pond lily plants.  
Mrs. Charles H. Layng, Brooklyn, N. Y.

### "ONLY STRONG PLANTS"

4. Enclosed please find a snapshot showing four blooms at one time on a lily I bought from you. Just a few hours later two more buds that were under the leaves opened. This certainly bears out your statement of selling only strong lily plants. The Forget-Me-Not in the background was also beautiful.  
Mrs. Abbie M. Sutter, Hicksville, Long Island.

### FINDS NEW THRILL IN WATER GARDENING

5. Your 1931 catalog received and I found it most interesting. I expect to visit you this spring as there are a few things I want to get for my pools this year. I have had much experience in flower gardening of various types but have found a new thrill of late, that of the water garden and rockery. There is no other type can compare in naturalistic beauty and fascination. I am sending a copy of photograph of a corner of my back yard taken last summer. This photograph shows one of my 3 pools in the foreground with view of rock garden in the rear. To the right you will note a corner of our outdoor living room with large stone fireplace and table set for tea.  
Mr. Roy Quackenbush, Allendale, N. J.



1. This attractive pool was built by Mrs. R. Byington, at her home in Summit, N. J. Her remarkable success is described in her letter to the left.



2. Mrs. Charles H. Layng, Brooklyn, N. Y., writes that her lily pool, illustrated above, has been the center of attraction in her garden.



3. "Weren't these pretty good results with a half-barrel and a root of *Odorata Minor*?" writes Mrs. Ira W. Greenway, Vernon, N. Y. "Very good indeed," is our answer.

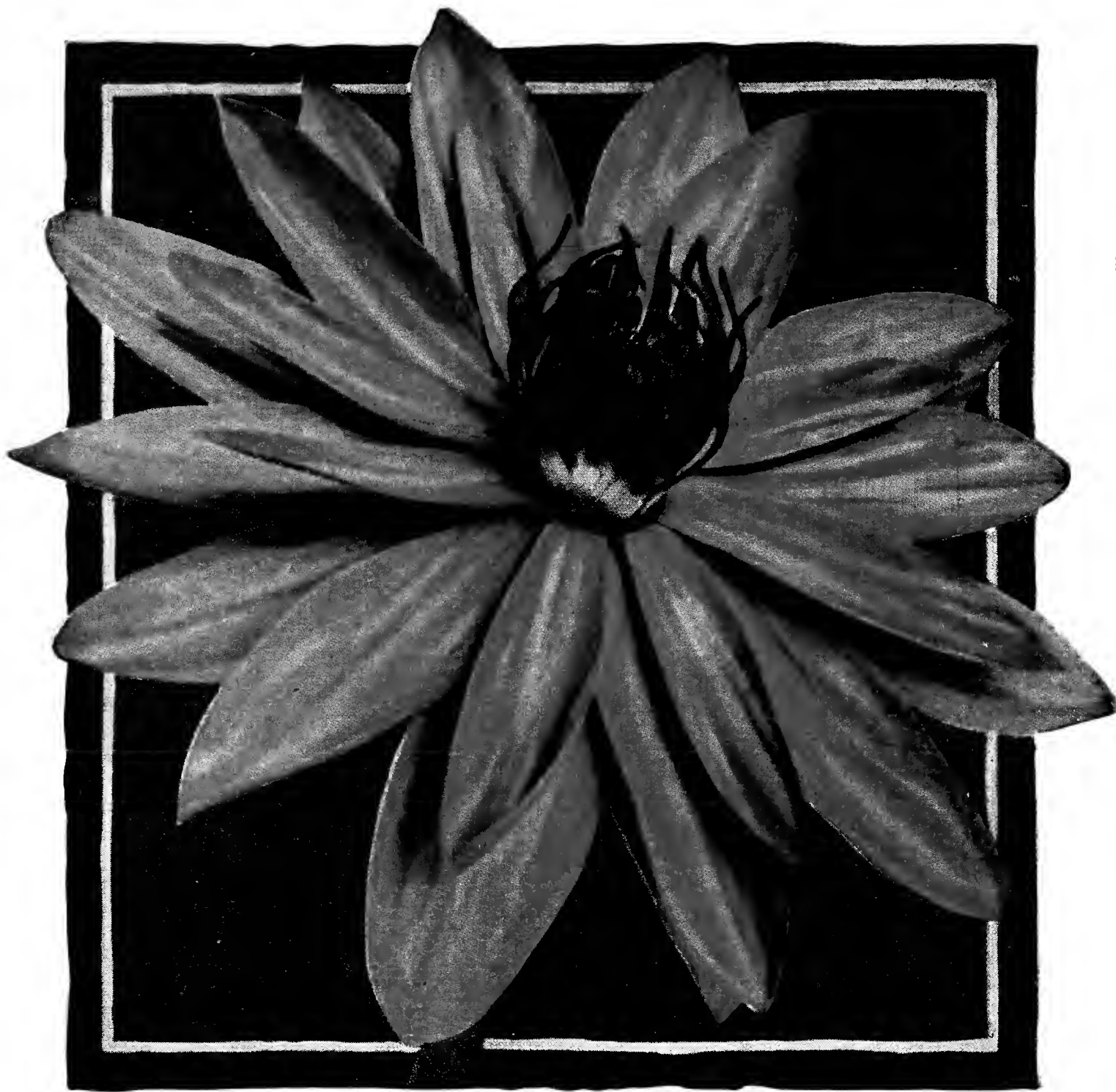
4. Mrs. Abbie M. Sutter, Hicksville, Long Island, sent in this picture to testify to the strong plants received from Tricker. There were six blooms on this plant at one time, she says in her letter.

5. "Have found a new thrill," writes Mr. Roy Quackenbush, Allendale, N. J., in describing his pool and rock garden illustrated to the left. Read his interesting letter above.



*Have you noticed our portable Mir-A-Pool offer on page 5?*





## FRANK TRELEASE

(Left)

A glorious night-blooming lily. Certainly a lily colored so gorgeously should find a place in every pool. Its rich red blooms appear to particular advantage when light colored varieties about them offer a comparison. Each \$2.

## MRS. C. W. WARD

(Below)

This most charming variety has petals of a rich rose-pink, illumined by a mass of golden stamens. The flowers are borne well out of the water, in great profusion. This day-blooming tropical lily is an attractive addition to any pool. \$2.

### Photographs

We shall be very glad to have submitted to us photographs of pools, ponds, or tubs that would be suitable for illustrations either in catalogs or other advertising matter. We shall be pleased to present the sender of a photograph we select to publish in any of our literature, with one of the finest blue or pink Tropical Water Lilies.

#### "DELIGHTED WITH YOUR SERVICE AND PLANTS"

July 4, 1931.

I am delighted with your service and plants. This spring my grandmother bought me 3 of your lilies. They are all doing splendidly, especially Gloriosa, which is always in bloom. I also have a group of your aquatic plants. Your care in packing is truly unequalled. I have installed a floodlight and am ordering a night-bloomer for 24 hours of bloom.

Casper Duchow,  
Folsom, Calif.





## PANAMA PACIFIC

One of the seven most popular day bloomers. It is ever-blooming, strong growing and free flowering. Flowers are a rich wine color when first open, turning later, when fully open, to a richer royal purple. The yellow stamens contrast strikingly with the purple petals, creating a new and distinct color in water lilies. \$2.50.

## TROPICAL GARDEN TRIO

(Collection No. 220)

No finer varieties of exotic Tropical Lilies could be found to grace the gardens of an oriental queen than Mrs. Ward, Panama Pacific and Frank Trelease. All are radiantly lovely varieties which will make your pool as beautiful as a queen's.

The three for ..... \$5



## Tricker's Lily Pool Accessories . . .

### Planting Tubs

Our white cedar tubs make excellent soil containers in which to plant lilies and aquatics. They are 2 feet in diameter and 1 foot deep—just the right size to use. They are strong and will last a long time. \$2 each.

### Tricker's Sky Blue Concrete Paint

#### *Beautifies—Stops Minor Leaks*

This non-poisonous Concrete Paint is our answer to the many requests we have had for a paint suitable for concrete pools. This special paint will not only give a unique color to the pool, but it will also stop minor leaks. Furnished in a beautiful shade of sky blue. Tricker's Concrete Paint will add life and beauty to the appearance of your water lily pool. \$1.25 per quart; \$4.50 per gallon.

### Tricker's "Praefecta" Fertilizer

#### *The Best Plant Food for Lilies.*

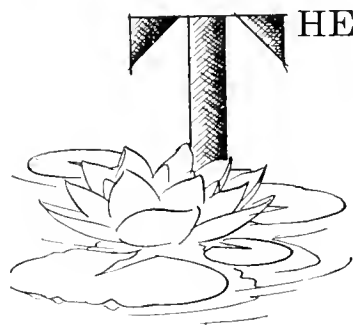
After years of experimental work in our laboratory we perfected a scientifically prepared chemical fertilizer, our Praefecta, excellent for water lilies and aquatic plants. It can also be used for any other form of flowers and perennials with excellent results. Mix one quart with each three bushels of soil, or use a small amount any time to feed plants. Apply it to water lilies and aquatic plants as per instructions given on the containers. It will stimulate the growth of plants, which will bloom more profusely with larger flowers.

1 quart carton ..\$1.00	10 pound bag .....\$3.25
5 pound bag ..... 1.75	25 pound bag ..... 7.00

*Before writing your questions, be sure to read "Cultural Directions" opposite page 3.*

# NEW and NOVEL WATER LILIES

*of unusual Merit and Superior Beauty*



**T**HE magic appeal of the new and unusual is felt by everyone, so we try each year to secure several distinctive new varieties of water lilies to add to our list. Although the hardy lilies listed on the opposite page are not exactly new introductions, yet they are varieties which, due to their popularity, became so scarce that it was almost impossible to obtain them in this country.

We consider it a great privilege to be able to offer these rare beauties at this time, and the following list contains varieties of appealing loveliness and charm. They will bring a desirable note of the modern to your pool.

## TROPICAL NIGHT BLOOMERS

New varieties of night-blooming lilies are quite rare. Through the efforts of the Missouri Botanical Gardens we have three magnificent night-bloomers, announced last year, now available at reasonable prices. You will be more than pleased with their distinct beauty and exceptional merits.

**EMILY GRANT HUTCHINGS.** A new night blooming water lily of great merit produced at Tower Grove Park, St. Louis, Missouri. It produces exceedingly large cup-shaped flowers of an amaranth-pink color. This is certainly a splendid variety and a valuable addition to the list of night bloomers. \$3.50.

**H. C. HAARSTICK.** Another delightful new night bloomer. A conspicuous variety owing to its large well-shaped flowers and copper-colored leaves. The sepals and petals are rose, shading to a rose-

pink at the base; stamens are rose-color, lemon-chrome at the apex, and anthers are dark rose-pink. This variety comes from the same source as Emily Grant Hutchings. \$3.50.

**MRS. GEORGE C. HITCHCOCK.** Mr. Pring of the Missouri Botanical Gardens at St. Louis had always done most of his work with the tropical day bloomers. However, in 1928 he raised a seedling of Omarana, one of the most popular night bloomers. This seedling has been named Mrs. George C. Hitchcock and is a valuable new addition to the pink flowering night bloomers. The flowers are a much darker rose-pink than those of Omarana, and are very much larger. \$3.50.

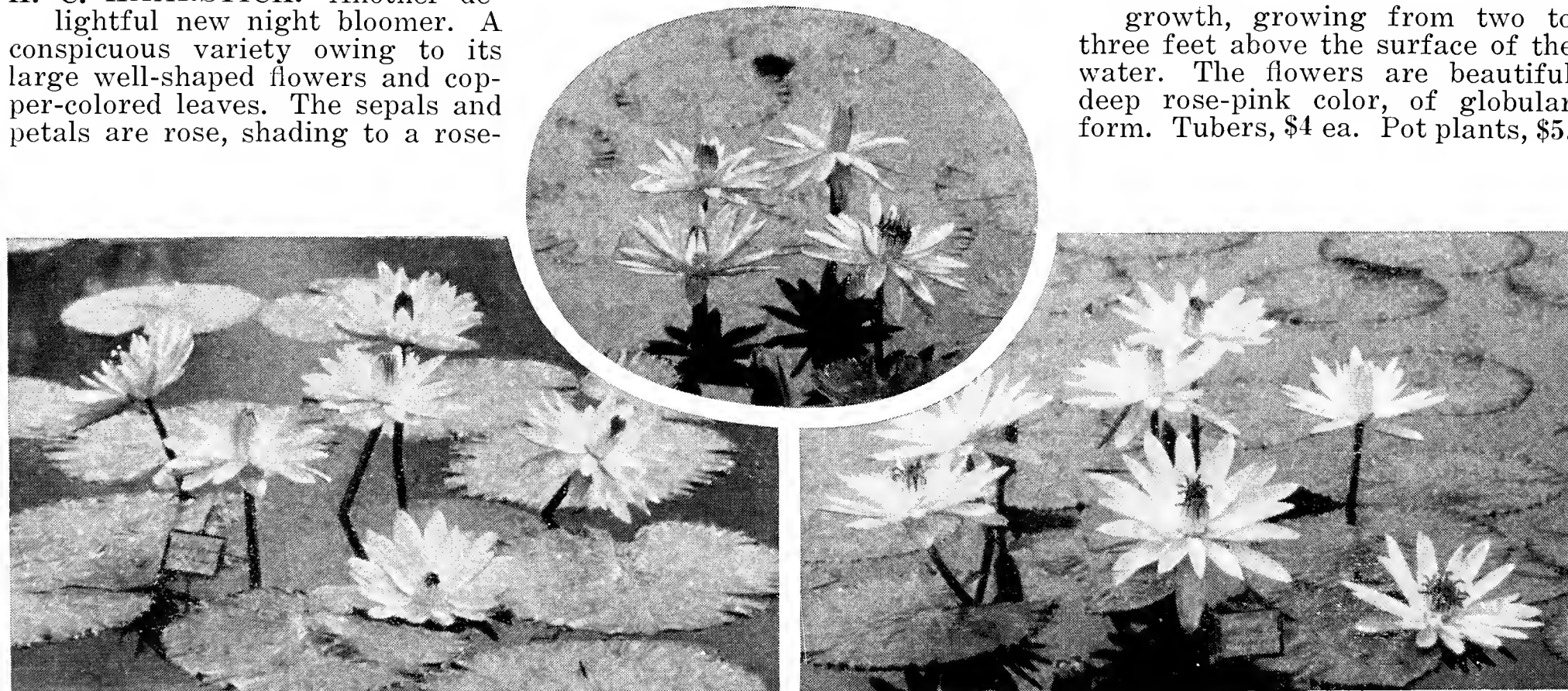
**KEW.** This night blooming lily is not really a new variety but it has not been offered for a long time, due to its scarcity. We have worked up a good stock of this which originally came from Kew Botanical Gardens in England. It is not so rampant a grower as most of the night bloomers, but it blooms freely. The delicate pink flowers are quite large; the leaves are green, streaked and mottled. \$1.50.

## NEW LOTUS

We are pleased to offer with this year's novelties the two exquisite varieties of the Lotus listed below.

**KINSHIREN.** This is a beautiful white, early flowering variety. The edges of the petals are tinted and shaded with a rose-pink of a delicate shade. Tubers, \$4. Pot Plants, \$5.

**ROSEUM.** A Lotus of moderate growth, growing from two to three feet above the surface of the water. The flowers are beautiful deep rose-pink color, of globular form. Tubers, \$4 ea. Pot plants, \$5.



Above: Emily Grant Hutchings. Center: H. C. Haarstick. Right: Mrs. George C. Hitchcock.  
(Photographs courtesy of Missouri Botanical Gardens)

*Surely you would not have a pool without Goldfish. We have a wonderful stock. See page 36.*



## TRY THESE NEW HARDY WATER LILIES

*for a delightful change*

**AMABALIS.** A very desirable variety of recent introduction. It has a strong constitution, producing dark ruby-red foliage which turns to olive green with age. The tulip shaped flowers open a delicate shade of salmon, passing to rose and bright pink as the flower ages. Deep pink center with thread-like orange to canary-yellow stamens. \$5.

**ATROPURPUREA.** One of the darkest of the crimson flowering varieties. The points of the petals are slightly incurved. Flowers of large size with golden yellow stamens. Leaves deep green on top and purplish red underneath. Truly a magnificent red water lily. \$6.

**ESMERALDA.** A French variety, quite unique in that its flowers are beautifully variegated, being rose pink and white. The petals are sharply pointed and the sepals are white streaked with rose. Quite desirable and different. \$2.50.

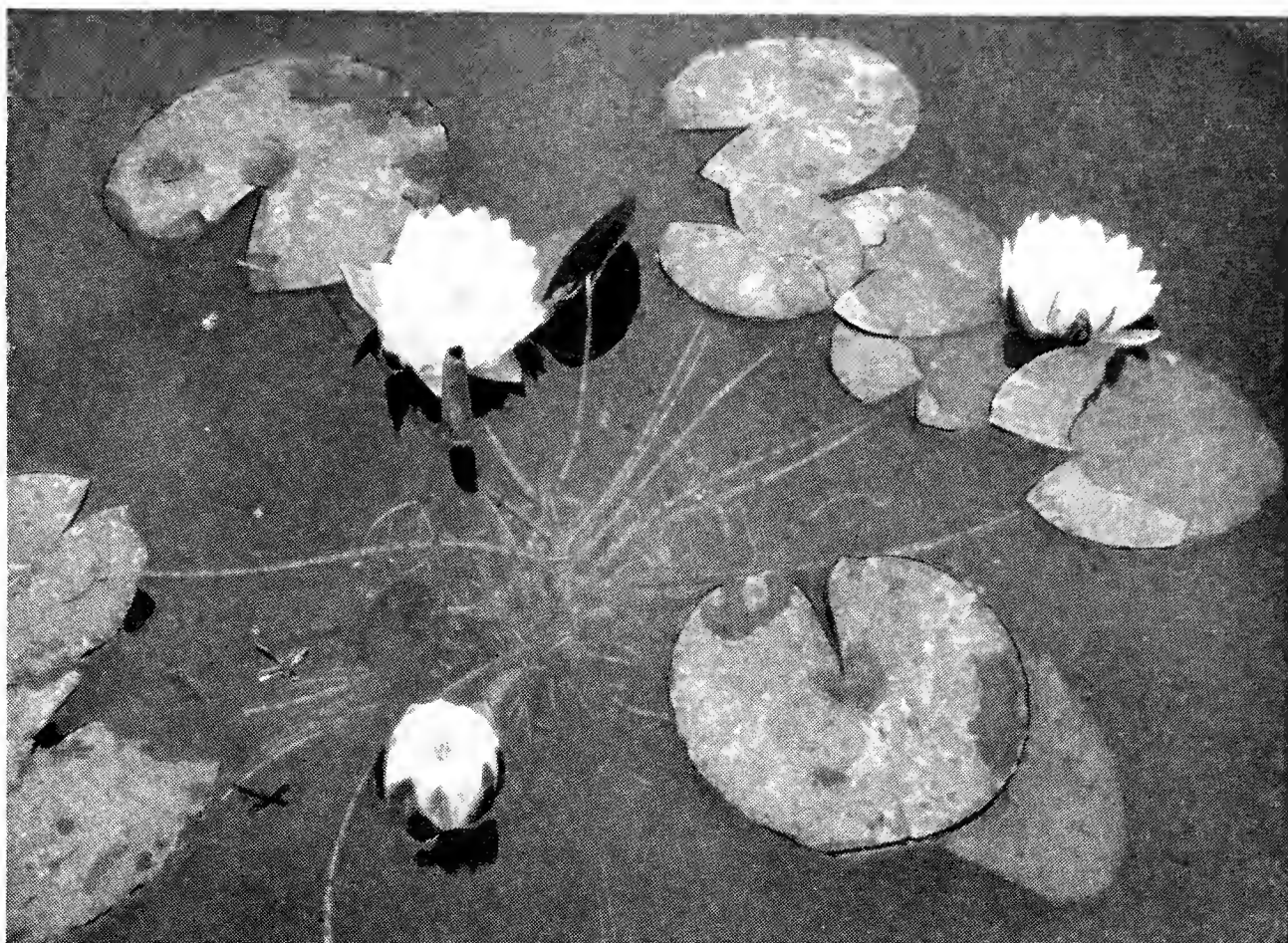
**FIRE CREST.** Another recent American variety. Flowers are very fragrant. Upon opening, the petals are a deep pink and the flower opens wide, leaving the stamens standing quite erect. The tips of the stamens are colored fire-red, thus giving the flower a very unique appearance. \$3.50.

**GONNERE.** An exceedingly double flower. The petals are snowy white and there are so many of them that the flower looks like a huge snowball. Foliage light green. A free bloomer. \$6.

**LUSTROUS.** A variety of American introduction. It is really a magnificent Marliac Rose, being much larger in size and a deeper rose-pink color with a peculiar silvery sheen, which makes it "Lustrous." The plant is a strong grower with short leaf stems which make the plant quite compact. A valuable addition to the pink flowering water lilies. \$5.

**RENE GERARD.** This is the queen of all hardy Nymphaeas. Flowers are sometimes ten inches across and very distinct in form with numerous petals, wide at the base, curling at the edges and tapering to waxy points. Their prevailing color is a charming blend of deep old rose which is produced by myriads of tiny flecks of crimson on a white background. \$5.

**SOLFATARE.** At first we thought this variety was too much like others of the "sunset colors," but we have found much to recommend it. It opens up



The striking beauty of Gonnere, one of the new hardy lilies, is well displayed in this picture. Its snowy white petals are so numerous that the flower resembles an enormous snowball.

a rich cream color, shading to yellow at the center. Each succeeding day the color deepens until the third or fourth day the flower is deep apricot and bronze. \$2.

**SUNRISE.** As the name suggests, it is a glorious yellow that opens earliest of all. Enormous flowers attaining a size of eight or nine inches, even on young plants, easily the largest hardy lily. The buds are olive brown with a salmon flush. The long narrow petals stand at various angles, and with their curved sides and crinkled tips give the appearance of a giant chrysanthemum. The general color is a clear yellow with a touch of fluorescent green, the stamens rich lemon chrome. The leaves are almost egg shaped, with wavy, crinkled sides, deep green above and red flecked with dark red brown below. Unusual in form, beauty and fragrance. \$4.



A delightful small home pool.

*Read what our customers say about Tricker lilies. See page 15.*



# TRICKER'S Hardy Water Lilies

*Without Doubt the Largest and Finest Collection Ever Offered.*

**T**HIS year we have an unusually fine collection of hardy lilies with prices lower than ever before. We feel sure there is no other collection which offers such a fine array of colors and types in the fine quality plants for which Tricker is noted.

Everyone loves the hardy lilies. Their lovely blossoms open just above the surface of the water or float gently on it. The leaf stems adjust to the water's depth. If the water is lowered the bud stems twist to keep the bud under water until ready to open. Opening and closing takes one hour each and is an hour later and earlier on the first day open.

Hardy lilies are equally at home in concrete pools, half barrels, or tubs; and with a little care to prevent actual freezing of the roots, their beauty and fragrance may be enjoyed year after year. Lack of experience will not interfere with results, as water lilies "just grow" when provided with sunlight, rich soil and warm, shallow water.

We urge you to order early to avoid disappointment, if you want certain definite varieties of these fine plants. This class of lilies has become so much in demand it is difficult to maintain a constant supply of each variety throughout the season.

## Pink, Rose and Salmon Shades

**MORNING GLORY.** Opening early in the morning, it has glorious size and color and exquisite fragrance that is almost sublime. The color of the flower is a delicate shell and almost white at the petal tips, shading deeper toward the center of the flower. The long blooming season of Morning Glory, its flowers of lasting quality when cut, and its robust growth, give this lily a full rounded unsurpassed perfection. \$2.50.

**PINK OPAL.** A new variety that has excellence of flower and superior habit that determines the favorite. In color, it is a deep, rich pink. The buds are almost round and open into a flower of interesting form with comparatively short petals carried above the water. Valuable for cutting. Pink Opal does splendidly in tubs. \$1.50.

**ROSE AREY.** The flowers, a deep-cerise pink, sometimes reach 8 inches in diameter. The petals are pointed and have a noticeable curl that gives the effect of darker shading near the edges. We consider Rose Arey one of the best of the Odorata type; a delightful surprise awaits you. (See colored illustration on page 21.) \$2.

**NEPTUNE.** An exceedingly free flowering variety of French origin. The lovely flowers seem to be made of velvet. Deep pink is the predominating color, the base of the petals being (Continued on Page 22)

## JAMES BRYDON

A fine American variety named in honor of one of America's splendid gardeners. Stock has been limited for a long time but a considerable number are available now. A superb variety, producing rosy carmine, cup-shaped flowers of large size. Foliage deep red with bronze tints. \$3.





## ROSE AREY

(Above)

This variety is in the front rank of the water lilies because of its color, freedom of bloom and strong growth. The flowers, a deep cerise pink, sometimes reach 8 inches in diameter. We consider Rose Arey one of the best of the hardy odorata type. \$2.

## CHROMATELLA

(Right)

This clear, rich yellow variety is the best variety of this shade ever grown. Flower appears very striking against the leaves which are beautifully marbled in deep green and brown. \$1.50.





## HARDY WATER LILIES—Continued

### Pink, Rose and Salmon Shades—Cont.

suffused with a darker shade of pink, and the tips of the petals are much lighter. Garnet stamens make a delightful contrast. \$3.50.

**ESMERALDA.** A unique French variety with beautifully variegated rose-pink and white flowers. (For complete description see pages 18 and 19.) \$2.50.

**LUCIDA.** In this variety we certainly have a jewel. Although first introduced by Marliac in 1894, it has never been available in great quantities. Our pond of it was a glorious sight and called forth great admiration. The lovely star-shaped flowers open a soft rose and deepen to a rosy vermillion as the flower ages. Foliage is mottled with brownish maroon. We recommend this variety very highly. \$3.50.

**MARLIAC ROSE.** It is sometimes difficult to select the best among so many pink lilies, but the Marliac Rose is distinctive and well worth while. The sepals and the flower center are a deep pink which shades imperceptibly to a delicate rose at the petal tips. This is one of the best lilies for cutting. Large, fragrant and lasting. It is highly pleasing. See color illustration on page 33. \$2.

**MARLIAC FLESH.** A vigorous variety; flowers large, of soft flesh-pink, deepening towards base of petals; fragrant and produced freely and continuously through the season. Desirable and handsome. \$1.50.

**W. B. SHAW.** Flowers large, of rich rose-pink and very fragrant. A strong grower and continuous bloomer of N. odorata type. \$1.50.

**EUGENIA de LAND.** This grand variety belongs to the N. odorata group, and is unequaled by any other of the same genus. The flowers are extra large, floating, and the petals are large and lanceolate. The flower's color is an exquisite shade of deep rose-pink of iridescent hues with yellow stamens. This is a vigorous and free-growing plant. (See illustration in color on page 24). \$1.50.

**MASANIELLO.** Some years ago we introduced this splendid French Hybrid but all too soon our stock was sold out. Lately it has received much attention and we are again offering this fine variety. Its cup-shaped flowers are pink dotted with carmine and have a most pleasing fragrance. A free bloomer and very desirable. Special, indeed, at \$2.50.

**HELEN FOWLER.** An exquisite pink nymphaea of the Odorata type. The unusually fragrant flowers are borne above the water and are desirable for cutting. As the leaves are small, this variety is much used for tub culture. Certified by the Horticultural Society of New York. \$1.50.

**ROSE MAGNOLIA.** Flowers of an exquisite shade of pink. 4 to 5 inches across, standing well out of the water. \$1.

**FORMOSA.** A Marliac hybrid introduced in 1909. The flowers are large and when first opening are a "tender lilac-like pink," according to Marliac's description. It is one of the

loveliest of the pinks and a great favorite with us. Sweetly scented. \$3.50.

**SOMPTUOSA.** This variety of French origin is exceedingly beautiful and attractive. Flowers are really enormous, very double, and fragrant. The outer petals are rosy pink, gradually deepening towards the center, and lightly spotted with a deeper shade of color. Deep orange stamens complete the color combination of this excellent variety. \$3.50.

**AMABALIS.** Unusual tulip shaped flowers opening a delicate shade of salmon, passing to rose and bright pink. (For complete description see pages 18 and 19.) \$5.

**LUSTROUS.** A magnificent Marliac Rose; deeper rose-pink with silvery sheen. (For complete description see pages 18 and 19.) \$5.

### Yellow Shades

**CHROMATELLA.** The clear, rich yellow of Chromatella makes it by far the best yellow variety grown. (See colored illustration on back cover.) \$1.50.

**SUNRISE.** As the name suggests, it is a glorious yellow that opens earliest of all. For complete description of this novel lily see page 19. \$4.

**ODORATA SULPHUREA GRANDIFLORA.** A very popular fragrant yellow lily. \$2.50.

**YELLOW PYGMY.** A tiny lily that is ideal for tub culture. Flowers from one to two inches across are a rich golden yellow. Leaves are pleasingly mottled with chocolate. \$.75.

### Yellow to Red Shades

This interesting group includes the fascinating copper colored varieties, the dainty shades of apricot and orange, and the so-called "sunset colors."

**AURORA.** The flowers are rosy-yellow on the first day, red-orange on the second, and deep red on the third. Its stamens are orange-red and the leaves are mottled with brownish-red. One of the best for the tub garden. \$1.50.

**COMANCHE.** Flower opens a rich apricot and then changes later to a deep coppery bronze that appears as a glowing red in the depths of the flower in contrast with the orange stamens. This flower is unique among the hardy lilies in that it proudly upholds itself well above the water surface like the tropical Nymphaeas, as if it were conscious of its own superiority. See colored illustration on back cover. \$2.50.

**PAUL HARIOT.** It is difficult to describe the beauty of this magnificent lily. The blooms are quite large, of lasting quality and are borne in abundance all season. The petals are clear yellow the first day, orange-pink the second day, and this deepens almost to a red on the following days. (Illustrated on page 24.) \$3.

**INDIANA.** This is perhaps the most variable of the Marliac series of changeable orange-pink hybrids. It opens a creamy yellow and shades through gleaming orange-bronze and fire-red to dark crimson on the fifth day, combining the beauty of the Aurora with the size and star shape of the Sioux. Suitable for tub culture. \$1.50.

**SOLFATARE.** A new hybrid similar to the Paul Harriot but in softer shades. For complete description of this novel lily see page 19. \$2.

**SIOUX.** A splendid lily whose flowers are a rich coppery yellow; they change in shade to amber-red as the flower ages. Decidedly star-shaped; second only to the Comanche. \$2.50.

**CHRYSANTHA.** An excellent new free blooming variety adapted for tub culture. The color undergoes a remarkable change on successive days, opening a creamy yellow, and darkening each day until it is finally deep orange-vermillion. A most interesting variety. \$2.50.

### White and Blush Shades

**MARLIAC WHITE.** A vigorous variety, flowers large, of sparkling whiteness; stamens light yellow, sepals flushed pink; fragrant and produced freely and continuously through the season. Desirable and handsome. Illustrated on back cover. \$1.50.

**GLADSTONE.** This is the king of the white lilies. It surpasses all the other white Nymphaeas in size and freedom of bloom. It is a pure, dazzling white, 6 to 8 inches across, fairly sparkling in pure brilliancy. A strong grower. \$2.

**GONNERE.** Petals snowy white. An exceedingly double flower. (For complete description, see pages 18 and 19.) \$6.



The Kondo Studio, photographers, Niagara Falls, N. Y., sent in this picture of Rose Arey growing in their pool. They state—"Largest yet bloomed, diameter 7 inches; it's a real beauty."

Paint your pool with Tricker's Concrete Paint to make it attractive. See page 17.



## White and Blush Shades—Cont.

**HOPATCONG** (*Odorata Gigantea*). This is a native of the southwestern states. It requires deeper water than usual and more room to spread than any other lily. It is excellent for naturalizing. The leaves are light red underneath and the flowers are very large and pure white in color. Fine for bold contrast. 50c; \$5 per doz.

**LOOSE.** A beautiful, large white lily, 5 to 7 inches across, with a delightful fragrance. Especially desirable because of its freedom and continuance of blooming. The flowers open very early in the day. One of the best of the white *Nymphaeas*. \$1.50.

**FIRE CREST.** Very fragrant. Petals deep pink. (For complete description see pages 18 and 19.) \$3.50.

**LAYDEKERI LILACEA.** Introduced by Marliac in 1893 but it was almost lost to cultivation because of its popularity. Flowers are of medium size, opening rosy lilac and deepening as the flower ages. The blooms are sweetly scented. Of moderate growth. \$2.50.

**ODORATA MINOR.** Fragrant white gem for tub culture. \$.75.

**GLOIRE du TEMPLE-Sur-Lot.** Marliac introduced this just before the war. In style it is much like *Gonnere*, but it is a tender pink in color, fading to white as the flower ages. The petals are long, narrow and wrinkled, giving a very unusual effect. \$5.



A pool within a garden—a garden within a pool. Hardy lilies in the foreground; Arrowheads, Cattail and *Iris pseudacorus* in background.

## Red and Vermilion Shades

**GLORIOSA.** A lily that is correctly named since it is so exceedingly glorious that we recommend it as the basis of every collection. Let us assure you that *Gloriosa*, without doubt, sets a standard among hardy lilies and beautiful flowers. Its blossom is a truly remarkable red and is often 6 to 7 inches across, perfect in form and rather double. Its perfume is similar to that of apple blossoms. It is thoroughly at home in pool or lake, and its characteristic small leaf-spread and large blossoms make an ideal plant for tub culture. Illustrated in color, back cover. \$3.50.

**ATTRACTION.** The petals are garnet red tipped with rose flecked white. Its sepals are almost white with faint rose

streaks. As the blossom ages, the color becomes a rich, deep red with garnet-streaked sepals. Its stamens are of a rich mahogany tipped with yellow. Under favorable conditions blooms attain 8 inches across. \$4.50.

**JAMES BRYDON.** You will find this a superb variety, being a free-grower with rosy, crimson flowers that are 4 to 5 inches in diameter. (See color illustration on page 20.) \$3.

**RED LAYDEKER.** (*Laydekeri Fulgens*). A new variety that promises to become very popular. The blooms are a rich amaranth-red; the sepals, white shading to a rose-pink. The stamens are fiery red. \$2.50.

**ESCARBOUCLE.** A most attractive and meritorious variety. The flowers are most striking in color, being a uniform vermilion-red. A free bloomer and a strong grower. Sure to become popular. \$3.50.

**LAYDEKERI PURPUREA.** This variety has been very popular. The blooms are a rich amaranth-red, the sepals white, shading to rose-pink, and the stamens fiery red. \$2.

**RENÉ GERARD.** This is the queen of all hardy *Nymphaeas*. Flowers are sometimes ten inches across. For complete description of this novel lily see page 19. \$5.

**CONQUEROR.** Similar in form to *Attraction* but is a more prolific bloomer. It is a much brighter red and the inside of the sepals is white, making a pronounced contrast with the petals. A free grower and free bloomer. \$5.

**ELLISIANA.** A "recovered" variety. The great collection of Marliac Bros. was so depleted during the great war that many of the fine varieties had to be worked up from exceedingly small stocks. We were fortunate in having some of these in our collection and have been successful in propagating a limited number. *Ellisiana* is one of these. A very choice variety, bearing bright vermilion red flowers. Not a large flower or a rampant grower, but truly a charming variety. \$3.50.

**SULTAN.** A lily which has magnificent large cherry-red flowers. The petals are faintly tipped with white and shade in color to white flecked with red at the base. The sepals are white and have red lines. The red mahogany of the stamens enhances the beauty of this *Nymphaea* and we think *Sultan* is well worthy of a place among the best lilies. \$3.50.

**NEWTON.** The very large star-shaped flowers are a pleasing rosy vermilion with striking white sepals. Long, orange colored stamens. An unusual and beautiful variety. \$3.50.

**ATROPURPUREA.** Large flowers of darkest crimson. A truly magnificent red water lily we are introducing this year. (For complete description see pages 18 and 19.) \$6.

## Collection

### THE BEST TEN HARDY WATER LILIES

You will particularly like these ten hardy water lilies we list here. Over a period of many years our customers have shown a decided preference for them. We attribute this continued popularity to their hardiness and freedom of bloom, as well as to their beauty of form and shading.



<b>ATTRACTION.</b> Garnet red.	(Collection No. 3)
<b>MARLIAC WHITE.</b> Sparkling white.	One of each,
<b>CHROMATELLA.</b> Yellow.	value \$25.
<b>PINK OPAL.</b> Deep pink.	
<b>COMA CHE.</b> Apricot.	Special
<b>MARLIAC ROSE.</b> Distinctive pink.	Offer
<b>GLORIOSA.</b> Red.	
<b>FORMOSA.</b> Sweet-scented pink.	
<b>SIOUX.</b> Rich copper yellow.	<b>\$20</b>
<b>ROSE AREY.</b> Cerise pink.	

(For other aquatic plants to group with this collection, see No. 22, page 27.)

*Collections of lilies and water plants appear on pages 26-30.*





## PAUL HARIOT

(Left)

This hardy lily has been so popular it has been difficult to supply the demand. When the flower opens it is clear yellow the first day, orange-pink the second day, deepening almost to red on the following days. Large, magnificent blooms are borne in abundance all season. \$3.

## EUGENIA de LAND

(Below)

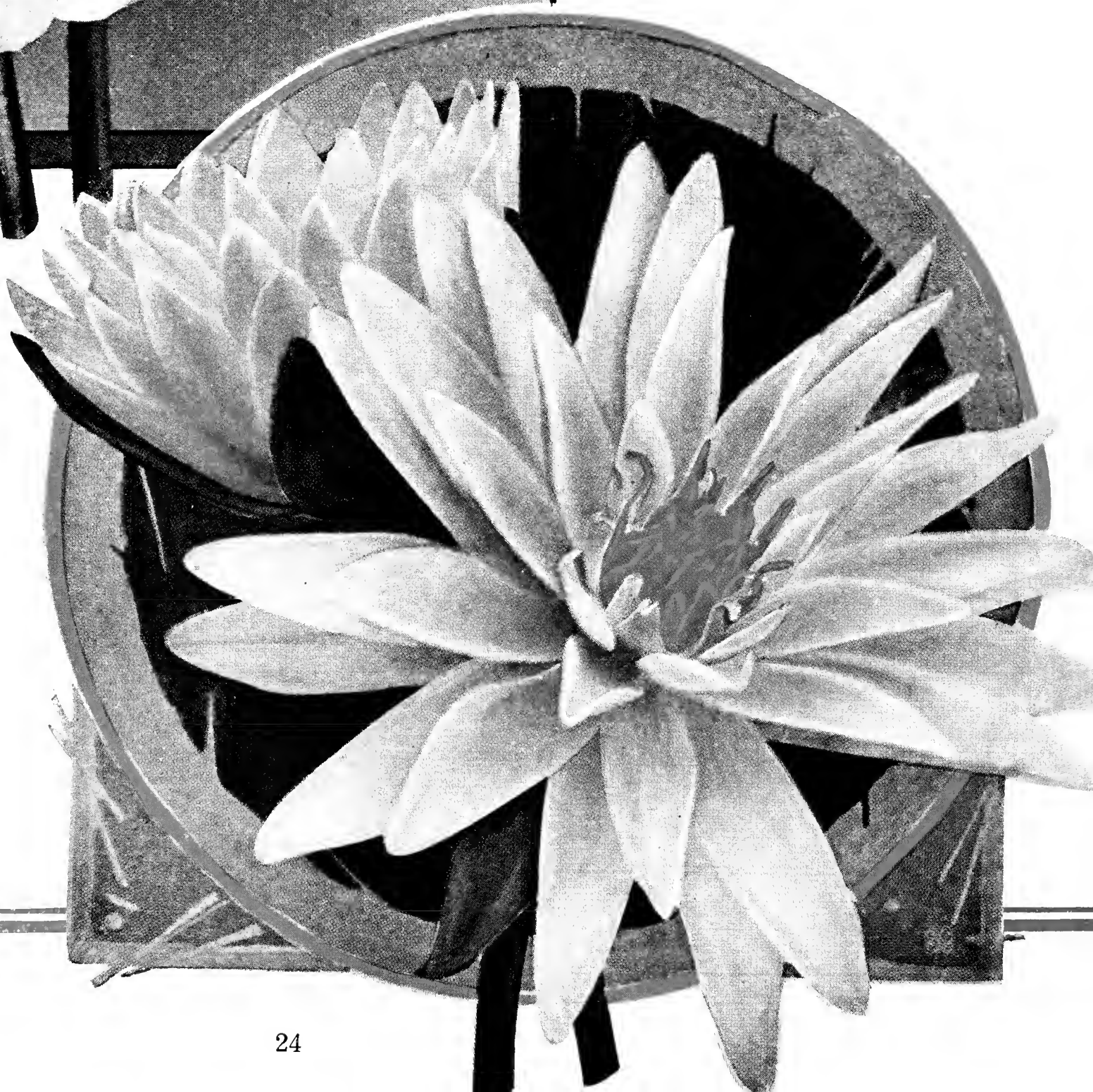
Everyone who has grown this lovely Eugenia de Land has been most enthusiastic about it. The fine-petaled flowers are borne on the surface of the water where their delightful color forms an attractive contrast to the green leaves. It is a hardy variety and the unusually large blooms are produced in great numbers throughout the season. \$1.50.

## Include PRAEFECTA In Your Order

After years of experimental work in our laboratory we perfected a scientifically prepared chemical fertilizer, our Praefecta, excellent for water lilies and aquatic plants. It can also be used for any other form of flowers and perennials with excellent results.

Mix one quart with each three bushels of soil, or use a small amount any time to feed plants. Apply it to water lilies and aquatic plants as per instructions given on the containers. It will stimulate the growth of plants, which will bloom more profusely and the flowers will be larger. Be sure to include Praefecta with your order.

1 quart carton .....	\$1.00
5 pound bag .....	1.75
10 pound bag .....	3.25
25 pound bag .....	7.00





# The SACRED LOTUS

## or Nelumbium

THE spell of the Nile still hovers around the blossoms of the Sacred Lotus even when this strikingly beautiful plant is grown in our twentieth century gardens. Four thousand years ago in the sacred gardens of Egypt, where dwelt the priests and where the people came to worship, there were pools of granite porphyry in which the Sacred Lotus grew, dedicated to the ancient deities. The Lotus, springing from the mud, lifting its golden-headed blossoms high over the water and opening pure and spotless to the sun, was symbolic of the rise of the soul of man.

There is perfect beauty in the leaf, bud and opened flower of the Lotus. The great concave, shield-like leaves, often 2 feet in diameter, and many petaled flowers, like gigantic roses with delightful fragrance, form a striking picture of great artistic quality. Cultural directions opposite page 3.

Prices are for tubers. Pot plants of each variety are available at an additional cost of \$1 each after the latter part of June.

**AMERICAN LOTUS.** (*Nelumbium Lutea*). The perfect yellow flowers of this variety attain a diameter of 8 to 10 inches. Sometimes this is known as the Water Chinquapin, especially in those parts of the country where it grows in the wild. Tubers, \$2.

**EGYPTIAN LOTUS** (*Nelumbium Speciosum*). This is the true flower of the Egyptians and possesses a strange haunting fragrance. The blossoms are an attractive pink. An excellent variety that grows very hardy and freely in the latitude of Cleveland. Tubers, \$2.

**FLAVESCENS.** All of the *Nelumbiums* (Lotus) are so strikingly beautiful that it is difficult to select one variety more beautiful than the others. However, *Flavescens* is a most welcome newcomer that has pleasing cream-colored flowers. It is very free blooming. \$3 per tuber.

**ALBUM STRIATUM.** A striking variation of the Japanese Lotus that makes a splendid new introduction. Its large white flowers are very fragrant. The white petals are tipped, edged and faintly striped with rosy carmine. Unusually large and attractive blossoms. \$2.50 per tuber.

**JAPANESE LOTUS** (*Album Grandiflorum* or *Magnolia*). A splendid white Lotus of gorgeous beauty. The flower is a fine, pure white of large size and delicate fragrance. The leaves are large and deep green color. One of the best white Lotus. Tubers, \$2.

**ROSEUM.** Beautiful deep rose-pink flowers of globular form. (Complete description, page 18.) Tubers, \$4 each.

**KINSHIREN.** A beautiful white, early flowering variety. (Complete description, page 18.) Tubers, \$4 each.

**NELUMBIUM ROSEUM PLENUM** (*Double Flowering Rose Lotus*). Deep rose pink. Beautiful globular flowers which are very double. Double-flowering *Nelumbiums* are very rare. Tubers, \$3.50.

**SHIROMAN.** This is the rare and beautiful double white Lotus and has magnificent, large flowers massed with petals. On first opening, the flowers are cream with a few of the petals tinted light green, which later fades to pure white as the flower gets older. Often the blooms are a foot in diameter. This is a strong, robust plant which flowers very freely. The blossoms will last well in the cut state. Tubers, \$3.50.



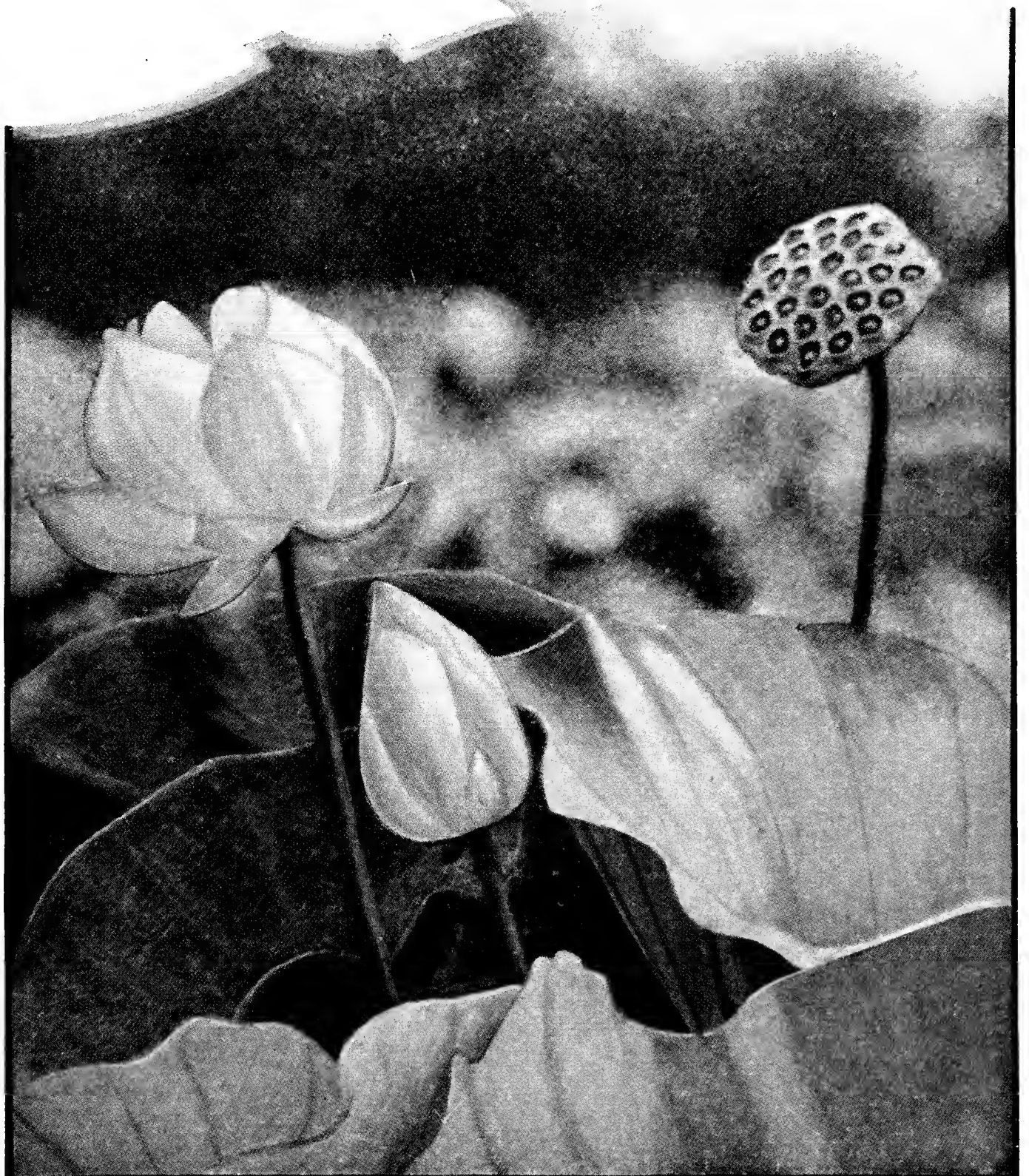
### The Mystic Trio

One each of the American, Egyptian and Japanese Lotus.

Value \$6.00.

**Special price, \$5**

(Collection No. 4A)



Flowers and Seed Pod of the Egyptian Lotus.

Include "Praefecta", the best fertilizer for water lilies, in your order. See page 17.

# TRICKER'S WATER LILY COLLECTIONS

## MIXED COLLECTIONS of Hardy and Tropical Lilies

These collections each contain both hardy and tropical lilies selected from our listings.

### Mixed Duet, \$3

(Collection No. 223)

Two very fine lilies of exquisite colorings.  
**INDEPENDENCE BLUE.** A very fine blue; day-blooming.  
**SIOUX.** Rich coppery yellow; hardy.

### Gems of Color, \$4.50

(Collection No. 11)

These lilies are indeed gems of color. However, delicacy of shading is but one of their many points of excellence.

**CHROMATELLA.** The most popular of the yellows.  
**PINK OPAL.** Lovely rich pink.  
**BLUE BEAUTY.** Immense flowers of rare deep blue.

### Twenty-four Hours of Bloom, \$5

(Collection No. 208)

An unusual collection which will provide delightful blooms practically every hour of the day, hence its name.

**CHROMATELLA.** Clear, rich yellow; hardy.  
**BLUE BEAUTY.** An exquisite blue; day-blooming.  
**FRANK TRELEASE.** Glorious rich red; night-blooming.

### Patriotic Trio, \$4.50

(Collection No. 209)

Three attractive lilies that represent the national colors.

**LAYDEKERI FULGENS.** Rich amaranth red; hardy.  
**MARLIAC WHITE.** Sparkling white; hardy.  
**CAPENSIS.** Rich sky blue; day-blooming tropical.

### Collection DeLuxe, \$15

(Collection No. 10)

A combination that is truly "DeLuxe" including the choicest water lilies grown. These are standard varieties chosen from among the most popular. The finest seven (value \$19.50).

**ATTRACTION.** Large dark red.  
**COMANCHE.** Bronze and crimson.  
**MORNING GLORY.** Beautiful shell pink.  
**CHROMATELLA.** Deep yellow.  
**JUNO.** Large white night-bloomer.  
**MRS. ED. WHITAKER.** Gigantic blue.  
**GENERAL PERSHING.** New deep pink.

### Tricker Quartet, \$7.50

(Collection No. 210)

Those who have room to grow four lilies can not find four representative types more desirable to grow than these.

**COMANCHE.** Bronze and crimson; hardy.  
**JUNO.** Large, white; night-blooming.  
**MRS. ED. WHITAKER.** Gigantic blue; day-blooming.  
**LAYDEKERI PURPUREA.** Rosy crimson; hardy.

### Rainbow Collection, \$10.50

(Collection No. 7)

These five fine varieties will make a gorgeous rainbow garden of water lilies. Each lily is a gem in its particular class and color. (Value, \$13.)

**MORNING GLORY.** Delicate shell-pink.  
**GLORIOSA.** Large red; the finest red.  
**PAUL HARIOT.** Chameleon orange-pink.  
**CHROMATELLA.** Deep yellow; the best yellow.  
**BLUE BEAUTY.** Deep blue flowers.

*Be sure and look over our Tub Garden Collection listed on page 4.*



## Fascinating Color Combinations

Tricker's famous collections provide you with an easy, practical way to have an attractive, harmonious water garden. You will notice that they are of the finest varieties described on the preceding pages, arranged to give the most pleasing results at prices considerably below cost if varieties are purchased separately. See also special collections for beginners opposite page 2, and tub gardens, page 4.

## COLLECTIONS OF

These collections offer desirable groupings of day-bloomers alone, night-bloomers alone, and day and night-bloomers mixed.

### Saddle River Trio, \$5

(Collection No. 18)

Here are three of the most popular of the day bloomers. For form, for color and for production of exquisite flowers in great abundance, these varieties are unexcelled.

**MRS. WARD.** Deep rose-pink. Profuse bloomer.  
**MRS. PRING.** Stately pure white.  
**BLUE BEAUTY.** A rich deep blue. Favorite of all.

### Night Blooming Collection, \$3

(Collection No. 14)

A special collection of three wonderful night bloomers that will fascinate you with their beauty, fragrance and mystery. One plant each of red, white and pink (3 plants) of night-bloomers, our selection of varieties.

### 1932 Special, \$5

(Collection No. 17)

An excellent group of day and night-blooming lilies which, at this low price, is indeed a splendid value for five varieties as lovely as these. Our complete stock enables us to make this special low price.

**CASTALIFLORA.** Fragrant light pink; day-blooming.  
**CAERULEA.** Blue Lotus of the Nile; day-blooming.  
**BISSET.** Beautiful rose-pink; night-blooming.  
**MRS. PRING.** Pure white; fragrant; day-blooming.  
**DEVONSHIRE.** Bright rosy red; night-blooming.

### Classic Trio, \$7

(Collection No. 15)

Another grouping of the most popular varieties. The flowers are large and of the finest colors.

**MRS. PRING.** Pure white.  
**GENERAL PERSHING.** Deep pink.  
**MRS. WHITAKER.** Gigantic blue.

## MISCELLANEOUS Collections

### Oriental Garden, \$7.50

(Collection No. 215)

See page 4 for description and illustration.

### Mystic Trio, \$5

(Collection No. 4A)

One each of American, Japanese and Egyptian Lotus.

### Egyptian Garden, \$7.50

(Collection No. 5)

See page 29 for description and illustration.



# — THE BEST FOR VALUE AND VARIETY

## *Priced to Effect Real Savings*

For your information, a pool 4 by 6 feet in size will accommodate three water lilies and a small collection of aquatics. These are minimum figures and in most cases larger pools will give better results. There are so many types of lesser aquatic plants that we have purposely made the collections general, but we can usually include any particular varieties that may be desired.



## **TROPICAL LILIES**

### **Elite Trio, \$4**

(Collection No. 218)

Our immense stocks enable us to offer these three very choice tropical lilies at this special low price. This collection gives you 24 hours of bloom each day.

**RUBRA ROSEA.** A delightful red night-bloomer.  
**CAPENSIS.** An alluring blue day-bloomer.  
**ZANZIBAR ROSEA.** Select pink day-bloomer.

### **Independence Trio, \$5**

(Collection No. 12)

See page 9 for description and illustration in color.

### **Nile Duet, \$2**

(Collection No. 217)

Two gorgeous flowers which date back to the water gardens of the Egyptians, and were held sacred for their beauty.

**CAERULEA.** Exquisite blue; day-blooming.  
**LOTUS DENTATA.** Gorgeous white; night-blooming.

### **Hyperion Trio, \$6.50**

(Collection No. 219)

See page 13 for description and colored illustration of this trio of radiant lilies.

### **Tropical Garden Trio, \$5**

(Collection No. 220)

Another lovely trio of tropical lilies. See page 17 for description and colored illustration.

### **Five Best Night-Bloomers, \$7.50**

(Collection No. 1)

See page 14.

### **Seven Best Day-Bloomers, \$14**

(Collection No. 2)

See page 11.

## **Combination Fish Collection, \$5.50**

(Collection No. 30E)

Every pool should have its complement of animal and fish life and this combination fish collection is made up to supply just what you need for a medium or small sized pool. 14 dandy fish will supply flashing life and color, and the snails and other scavengers help to keep the water pure and clear.

Collection includes:

- One dozen Common Goldfish.
- 2 Calico or Gingham Fish
- Scavenger Collection 34A which includes 6 each of Tadpoles, Jap Snails, Ramshorn Snails, 2 Clams and a pair of American Salamanders, and shipping pail for which charge is included.

## **COLLECTIONS of Hardy Lilies**

### **Popular Trio, \$3**

(Collection No. 8)

Three fine hardy lilies—Hopatcong, white; Helen Fowler, pink; Chromatella, yellow. Sure to please you.

### **Quality Trio, \$5**

(Collection No. 16)

In lilies, as in all other flowers, there are distinct characteristics of color, form and shading which make some flowers more highly prized than others. This collection includes three hardy lilies that qualify as distinctly superior.

**GLORIOSA.** Large, dark red; unique cup-shape.  
**PINK OPAL.** Deep, rich pink; perfect form and shading.  
**CHROMATELLA.** The finest yellow.

### **Tricker's Duet, \$2.50**

(Collection No. 216)

Two of the most desirable hardy lilies for the tub garden or small pool. Both varieties are free blooming.

**MARLIAC WHITE.** Flowers large, of sparkling whiteness.  
**CHROMATELLA.** The best yellow variety grown.

### **Marliac Trio, \$4**

(Collection No. 19)

This group contains three very fine hardy lilies of the true Marliac type. They are free blooming, fragrant and beautiful. (See colored illustration page 33.)

**CHROMATELLA.** The most popular yellow.  
**MARLIAC ROSE.** Large and a deep rose color.  
**MARLIAC WHITE.** Large sparkling white flower.

### **Dainty Trio, \$3.50**

(Collection No. 211)

See insert opposite page 2.

## **AQUATIC PLANT COLLECTIONS**

No water lilies are included in these collections which are made up entirely of aquatic plants. These collections are suitable for use in pools where three or more lilies may be grown.

### **Small Pool Collection, \$3**

(Collection No. 21)

Twenty plants in 10 or more varieties, our selection, suitable for a small pool 4x6 feet or larger, where three water lilies are accommodated. Collection includes:

- 4 Shallow water plants for centerpiece.
- 12 Plants for corners or sides of pool.
- 2 Oxygenating plants.
- 2 Floating plants.

### **Medium Sized Pool Collection, \$5**

(Collection No. 22)

Thirty-five aquatic plants in 16 or more varieties suitable for a medium-sized pool, 7x10 feet or larger, where five or more lilies are required. Collection includes:

- 9 Shallow water or bog plants for centerpiece.
- 16 Corner or side plants.
- 5 Oxygenating plants.
- 5 Floating plants.

*Other collections of Goldfishes and Tropical Fishes on pages 37 and 47.*

# Complete POOL COLLECTIONS

**S**PECIALLY arranged collections for different sized pools which offer everything needed to make your pool satisfyingly beautiful and complete. For most attractive results, arrange the aquatic plants in groups and about the margins of the pool with one group or single plant as a centerpiece in some manner as shown in the illustration below. Place the lilies from 2 to 5 feet apart, according to the size of your pool.

## Complete Collection for Small Pool ..... \$10.50

This collection includes everything needed to attractively plant a small pool 4x6 feet or 5x7 feet. The illustration below shows the plants offered in this collection in their natural setting.

This really is a beautiful grouping and a specially fine value. Collection includes the following:

### Lilies

3 Lilies. Twenty-Four Hour Blooming Collection No. 208 which includes Chromatella (yellow, hardy), Blue Beauty (blue, tropical), and Frank Trelease (red, tropical).

### 20 Aquatic Plants

Our selection of varieties, but includes:

4 Shallow Water Plants such as Papyrus, Pickerel Rush and Arrowhead for centerpiece. 12 Aquatic Plants such as Taro, Forget-Me-Not, Primrose Creeper, etc., for corners or margins of pool. 2 Floating Plants, 2 Oxygenating Plants.

### Fishes, Scavengers and Supplies

12 Common Goldfish, 2 Calico Fish, half dozen each of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, 2 Clams and a pair of American Salamanders.

1 carton of Praefecta, our new fertilizer.

Complete collection for small pool, with shipping pail. Value, \$14.50. Collection No. 38, special .....\$10.50

## Complete Collection for Medium Sized Pool ..... \$15.50

Everything needed for a medium sized rectangular pool 6x6 feet or a round pool 7 or 8 feet across. This collection is very similar to the small pool collection illustrated, only it includes more varieties as follows:

4 Lilies. The Tricker Quartet (see page 26), Collection No. 210. 20 Aquatic Plants. Same as listed for Small Pool. Collection No. 38.

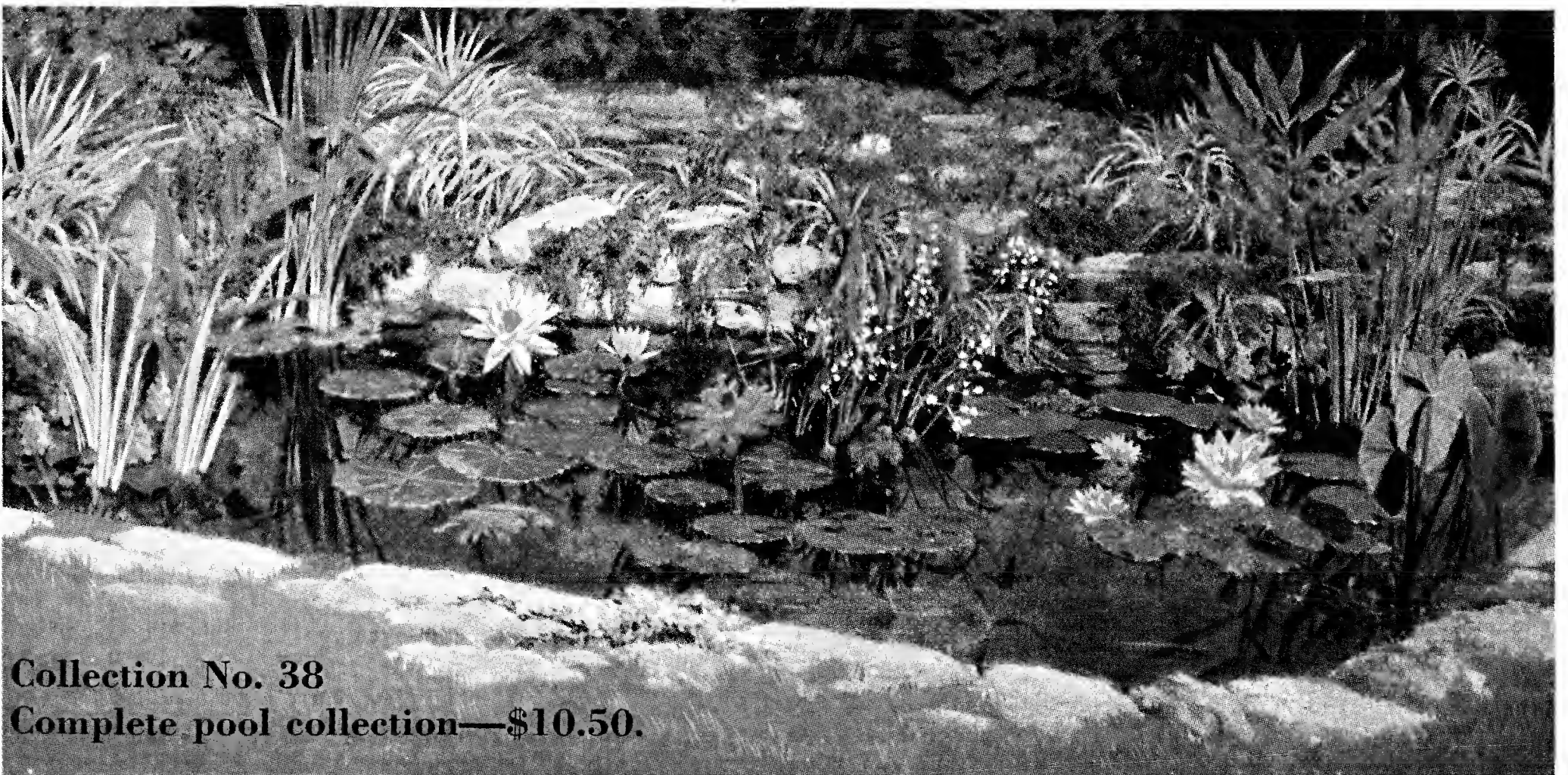
Fish, including 1 pair Young Giants, 6 Common Goldfish, 3 Calico Fish; Scavengers, including half dozen each of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, 2 Clams and a pair of Salamanders.

1 Carton Praefecta, our special fertilizer.

Complete collection for medium sized pool, with shipping pail. Value, \$18. Collection No. 39, special for only .....\$15.50

## Complete Collection for Popular Sized Pool ..... \$22.50

This is our best answer to the question of what to put in a pool 7x9 feet, 8x12 feet or 12 feet across. Collection includes: 5 Lilies, Rainbow Collection (see page 27); Aquatic Plant Collection No. 22 (see page 27); 2 pair Young Giant Goldfish, 12 Calico Fish (Japanese Shubunkins); Scavenger Collection No. 34A (see page 42), and 1 carton of our special fertilizer, Praefecta. Everything complete, value \$26.50, Collection No. 37, all for .....\$22.50



Collection No. 38

Complete pool collection—\$10.50.

This illustration shows all the plants in their true colors included in our small pool collection described above. Our special \$10.50 offer does not include rock plants or others for planting outside the pool

*Have you noticed our portable Mir-A-Pool offer on page 5?*



# EGYPTIAN WATER GARDEN - \$7.50

## Complete as Illustrated

Three classic flowers that flourished in the Valley of the Nile, and enough modernized and improved varieties of aquatic plants to give the flowers an appropriate setting. (Note: The varieties may be identified in the illustration below by the initial letters.)

- (H) Sacred Lotus of the Nile (Nelumbium Speciosum). The pink Egyptian Lotus.
- (I) Nymphaea Blue Beauty. Improved form of the tropical water lily known to the ancients as the Blue Lotus of the Nile.
- (K) Nymphaea Juno. The modern Dentata Superba, or Egyptian white lily. Night-blooming.
- (A) 1 Papyrus, or Egyptian Paper Plant.
- (B) 2 Cattail. A favorite water plant.
- (C) 2 Flowering Bulrush. Pink flowers.
- (D) 2 Arrowhead. Has distinctive leaves, white flowers.
- (E) 2 Pickerel Rush. Blue flowers.
- (G) 1 Velvet Leaf. Straw-colored flowers.
- (J) 2 Water Poppy. Yellow flowers.
- (L) 1 Water Hyacinth. Blue flowers.
- (M) 1 Shell Flower. Floating plant.
- 3 Anacharis. Oxygenating plant.

This collection is ideal for the small pool. **\$7.50**  
Complete for .....

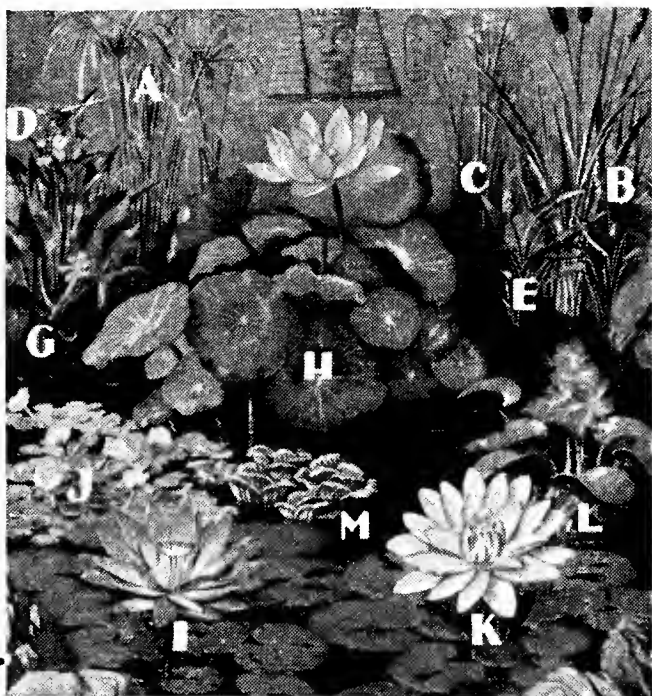
(Collection No. 5)



## How To Arrange The Plants

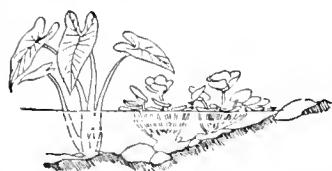
The arrangement of plants shown in this illustration is for a small rectangular or crescent shaped pool, and is particularly suitable for a pool that has a background of a wall or high-growing plants. Please note that the tall growing varieties are placed at the back against this background. This illustration shows how easy it is to group these plants attractively in a small pool.

If your pool is located in an open space so you can walk all around it, a most pleasing arrangement of the Egyptian Water Garden is as follows: All the tall-growing plants, A, B, C, D, E, and G would be planted in one large container in the center. The Lotus and Water Lilies would each be planted in a separate container and be grouped around the centerpiece. This arrangement is suitable for any shaped pool and forms the loveliest pool imaginable. For general list of Egyptian Lotus varieties, see page 25.





# SHALLOW WATER and BOG PLANTS



NATURAL ponds have a profusion of flags, rushes, reeds and small flowering plants which delight the eye. Your pool will be more attractive and much more naturalistic when planted with clumps of these ornamental and semi-tropical plants.

Plant the roots of these plants in rich loam. In a concrete pool you may build a ledge or use a box of soil, or you may put individual plants in flower pots set at the proper depth. All of the plants in this list should be planted above or below the water according to their individual needs. The shallow water plants which require 6 inches of water and no more are marked \*. Those which do best in 2 inches of water are marked †. Bog plants, marked ‡, like wet feet but do not like to swim or wade; plant them with the crown just above the water level. Many of the bog plants are excellent house plants and will grow indoors if the pot is set in a saucer kept full of water.

‡ARROWHEAD, DOUBLE FLOWERING (*Sagittaria japonica florepleno*). A plant like the Giant Arrowhead in foliage, but one that develops a spike of beautiful double petaled white flowers. Grows well as a bog or shallow water plant. \$1 each or \$10 per doz.

‡ARROWHEAD, GIANT (*Sagittaria sagittifolia*). Distinctive leaves shaped as name indicates and standing 1 to 3 feet above water. Flowers freely in a series of white spikes. Hardy. \$1 for 3; \$2.50 per doz.

\*BOGBEAN (*Menyanthes trifoliata*). A perennial aquatic with creeping root stocks in shallow water. Its fragrant white flowers are borne on stout stalks, fringed and suffused with pink. 50c for 3; \$1.50 per doz.

## BUTTERFLY LILY:

‡ White (*Hedychium coronarium*). A tall canna-like plant with large leaves and very fragrant white blossoms borne in umbels. A very handsome plant. \$1 for 2.

‡ Yellow (*Hedychium chrysoleucum*). A native of India, and while similar to the preceding variety, is considered the best of the genus and very desirable. In habit it is tall-growing, and the light yellow flowers are followed by bright red berries. Quite desirable semi-aquatic plant. \$1 for 2.

## CALLA LILIES:

‡ Golden Calla (*Zantedeschia elliottiana*). The most desirable of the yellow Calla Lilies. Its flowers are as large as the well-known white variety, but are a lustrous golden yellow. The

foliage is dark green with translucent spots of creamy white, and adds more to the beauty of the bloom \$1 each.

‡ White Calla (*Zantedeschia aethiopica*). One of the best water plants for summer use. Perpetual flowering; fine white flowers. Not hardy but can be kept indoors through the winter. Flowering plants, \$1 each.

\*COMMON CAT-TAIL (*Typha latifolia*). One of the favorite native swamp plants. Hardy. 50c for 3; \$1.50 per doz.

\*GRACEFUL CAT-TAIL (*Typha Angustifolia*). A tall variety with slender cat-tails more completely developed than the usual type, giving the appearance of being double on the stem. These plants furnish a very fine background in massed planting. 50c for 2; \$2 per doz.

\*FLOATING HEART (*Nymphoides peltatum*). This plant has leaves like the nymphaeas and produces brilliant yellow flowers quite freely. It is hardy and will do well in 2 to 6 inches of water. 50c for 3; \$1.50 per doz.

‡FLOWERING RUSH (*Butomus umbellata*). A hardy plant with peculiar three-sided leaves in graceful clumps. Attractive pink flowers are borne on round stems. Fine for naturalizing in a pond. Hardy. \$1 for 3; \$2.50 per doz.

‡FORGET-ME-NOT (*Myosotis scorpioides*). A well-known spring and summer flowering plant with small clusters of clear blue flowers with a yellow eye. Hardy. \$1 for 3; \$2.50 per doz.

‡IRIS pseudacorus (Yellow Flag). A tall, sword-leaved plant bearing broad yellow flowers of the Japan Iris type. Valuable and attractive. Hardy. \$1 for 3; \$2.50 per doz.

‡IRIS versicolor (Blue Flag). Exactly like Yellow Flag except that the flowers are blue. \$1 for 3; \$2.50 per doz.

## JAPANESE TARO:

‡ Violet Stemmed Taro (*Colocasia violacea*). One of the very striking Taros. The leaves are a beautiful blue-green. The stems, mid-ribs and veins underneath the leaves are a lovely lavender, the same color being repeated in the edges of the leaves. \$1.50 each.

‡ Imperial Taro (*Colocasia antiquorum illustris*). The finest of the Japanese Taros. The leaves are attractively blotched a dark brown and violet black. This makes an excellent centerpiece for the small pool or a very satisfactory house plant when potted and grown in a jardiner. We have a large stock of this fine Taro and are glad to offer it at this low price for such an unusually attractive plant. \$1.

‡ (*Colocasia Multiflora*). A very unique foliage plant. The leaves are rich green, on dark purple stems. As a marginal plant for the pool, it is very ornamental as it will grow to a height of 4 to 5 feet. 75c each.

‡ (*Colocasia indica*). Very similar to the above, except that it is entirely green. A good growing variety. 50c each.

‡LOBELIA cardinalis (Cardinal flower). One of the most attractive plants of our native flora, seen along streams and low, moist ground, sometimes a few spikes of rich, fiery cardinal flowers; again in masses, when the sight is brilliant and dazzling. \$1 for 3.

‡MARSH MARIGOLD (*Caltha palustris*). Clusters of large butter-cup-like flowers of brilliant yellow, early in spring. One of the most attractive native plants. Hardy. \$1 for 3; \$2.50 per doz.

‡PAPYRUS or EGYPTIAN PAPER PLANT (*Cyperus papyrus*). The stalks are triangular and attain a height of 5 to 8 feet.



Water Snow Flake (page 32.) and Artificial Alligator



Hardy Lilies and Aquatics

Before writing your questions, be sure to read "Cultural Directions" opposite page 3.



At the top is a tuft of long thread-like leaves which gives the plant a most novel appearance. Shallow water and rich soil spell the best combination for this plant, but it also does well in ground kept slightly moist. Good as a background plant for pools and ponds. \$1 for 3; \$2.50 per doz.

\***PARROT FEATHER** (*Myriophyllum proserpinacoides*). Quite successful when planted in a tub or water-tight hanging basket. The growth soon goes over the edges in the form of long trailing stems. Extremely valuable for trailing over a fountain. Hardy. 50c for 3; \$1.50 per doz.

\***PICKEREL RUSH** (*Pontederia cordata*). The blue flowers of this plant have made many friends, particularly as they are produced freely. The total growth is about 2 feet. Hardy. 50c for 2; \$2.50 per doz.

\***PRIMROSE CREEPER** (*Jussiaea Repens*). A rapid growing partially submerged vine with waxy green leaves and a profusion of bright, yellow flowers. Thrives in sun or shade. Not hardy. 50c for 3; \$1.50 per doz.

†**PRIMROSE WILLOW** (*Jussiaea longifolia*). Erect plants 2 to 3 feet high, with attractive narrow foliage and bright yellow blossoms profusely borne in the axils of the leaves. Very desirable at the edge of pools or in tub culture. \$1 for 3; \$2.50 per doz.

†**SPIDER LILY** (*Hymenocallis Caribaea*). A native plant of the West Indies that produces clusters of fragrant white flowers. The petals are narrow and curving and give the plant a characteristic spider-like appearance. \$1 for 2; \$5 per doz.

†**SPIRAL PALM**. A Brazilian oddity something like the Umbrella Palm. Greenish white flowers produced in umbels. \$1 for 3; \$2.50 per doz.

†**VARIEGATED SWEET FLAG** (*Acorus Calamus Var.*). A fine hardy plant with saber-like leaves broadly striped green and ivory. Grows about two feet high and is excellent for group planting. \$1 for 3; \$2.50 per doz.

†**DWARF SWEET FLAG** (*Acorus Gramineus Var.*). A miniature flag 6 to 10 inches high with green and white stripes. Fine for small pools or tub gardens. \$1 for 3; \$2.50 per doz.

†**UMBRELLA PALM** (*Cyperus alternifolius*). Grows well either in small pools or moist ground. \$1 for 3; \$2.50 per doz.

†**DWARF UMBRELLA PALM** (*C. gracilis*). This is the dwarf form; fine for aquariums and tubs. \$1 for 3; \$2.50 per doz.

†**VELVET LEAF** (*Limnocharis Flava*). An erect growing plant, standing 1 to 2 feet out of water, with elliptical leaves 4 to 6 inches long of velvety green. Flowers straw color. \$1 for 2.

†**WATER AMARYLLIS** (*Crinum Americanum*). An ideal tropical marsh plant which produces white bell flowers in umbels of six or eight. Very suitable for corners of a small pool. \$1 for two plants.

\***WATER ARUM** (*Peltandra Virginica*). A hardy aquatic with graceful, spear-like leaves and calla lily flowers. \$1 for 3; \$2.50 per doz.

#### **WATER CANNA (Thalia):**

\* **Dealbata**. A handsome canna-like aquatic standing 3 feet high. Hardy. Purple blooms from June to September. 75c each.

\* **Divaricata**. A new introduction. Like the above except that this is a taller-growing variety. Purple flowers. \$1 each.

†**FOUR LEAF WATER CLOVER** (*Marsilia Drummondii*). The foliage which resembles a four leaf clover forms a mosaic pattern on the surface and in crowded spots sends up a luxurious growth of aerial leaves. Not hardy. 50c for 3; \$1.50 per doz.

\***PURPLE WATER HYACINTH** (*Eichhornia azurea*). A creeping plant without the floating bulbs of the ordinary Water Hyacinth but with more handsome blooms. \$1 for 2; \$5 per doz.

†**WATER NASTURTIUM OR WATER CRESS**. Thrives in sun or shade; ideal near a cold spring. Edible, hardy. Rooted plants, \$1 per doz.

## **SPECIAL COLLECTIONS**

### **Shallow Water and Bog Plants**

6 different Shallow Water and Bog Plants, our selection. \$1.50.

(Collection No. 25)

12 different Shallow Water and Bog Plants, our selection. \$2.50.

(Collection No. 26)



### **Small Pool Collection, \$3**

(Collection No. 21)

See page 27.

### **Medium Sized Pool Collection, \$5**

(Collection No. 22)

See page 27.

†**WATER PLANTAIN**. A border plant with heart-shaped leaves standing about a foot above the water and surmounted by tall branching spikes of white flowers. Hardy. \$1 for 3; \$2.50 per doz.

\***WATER POPPY** (*Hydrocleis nymphoides*). The leaves float upon the surface of the water. Flowers are large and yellow, similar to the poppy. It is in flower almost continuously. 50c for 3; \$1.50 per doz.

†**WILD CALLA** (*Calla Palustris*). This is like a calla lily, but much smaller in size. A desirable plant for shallow water. Hardy. 50c for 3; \$1.50 per doz.

†**WILD RICE** (*Zizania aquatica*). The importance of Wild Rice as a food for water-fowls cannot be over-emphasized. It is easily grown in shallow water and is decidedly ornamental, as it shoots up rapidly and makes a growth of 5 to 10 feet. Panicles of bloom make it additionally delightful. Should be planted in every pond. \$1 per doz.; \$6.50 per 100.



Lotus and Aquatics in rear of pool, Hardy Lilies and Water Hyacinth in foreground. Ornamental Grasses outside pool.

*We are the oldest and largest in the business, another reason why we serve you better.*

## FLOATING PLANTS



Some of the finest aquatics will grow and bloom merely floating on the water surface, deriving nourishment from the air and water. In nature they drift to shallow water where the roots soon anchor and growth is very rapid. In other words, Floating Aquatics are always at home in any pool.

**AZOLLA** (*Azolla caroliniana*). Small crinkly, green plants resembling floating leaves of arborvitae. Strong sunlight turns Azolla a deep red. Per portion, 25c.

**DUCK WEED** (*Lemna minor*). Appears as a series of green polka dots on the surface. The small roots are much appreciated by goldfish. Hardy. Per portion, 25c.

**SALVINIA** (*Salvinia braziliensis*). Dainty leaves of soft green, covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about 1/4 inch in diameter. Popular as an aquarium plant. Per portion, 25c.

**WATER FERN** (*Ceratopteris thalictroides*). Though an aquatic species of the fern family, the leaves greatly resemble garden lettuce. Numerous small plants spring from the edges of the leaves, gradually building up a floating mass of some size. The new plants may be detached and grow to some 6 inches in diameter before starting to propagate. 50c for 3; \$1.50 per doz.

**SHELL FLOWER OR WATER LETTUCE** (*Pistia stratiotes*). A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 50c for 2; \$2 per doz.

**WATER HYACINTH** (*Eichhornia crassipes major*). Shiny dark green leaves, the stems of which are expanded into pseudo bulbs, which serve as air chambers. The orchid-like flowers of lavender form a spike like that of the true hyacinth. Propagation is by means of runners at the surface, and the growth is so rapid that navigation is hindered in streams in the southern states where they grow profusely. It is, perhaps, fortunate that the plant is destroyed by frost. The long, bushy roots are excellent for receiving the spawn of goldfish; therefore, the Water Hyacinth may be used to advantage in pools of fair size. 50c for 3; \$1.50 per doz.

**WATER CHESTNUT** (*Trapa natans*). A hardy annual resembling the Water Fern in form but with mottled leaves and small white flowers. The large seeds are spiked and armoured for protection while wintering at the bottom of the pond. Shipped only after June first. \$1 for 2; \$5 per doz.

**WATER SNOWFLAKE**. (*Nymphoides indicum*). A lily-like plant, the detachable leaves of which form new plants covered with dainty white flowers fringed like a giant snowflake. Shipped as floating leaf which soon sends down roots in shallow water. 2 for 50c; \$2 per doz.



Water Lettuce, Floating Heart, Water Snowflake, Salvinia and Duck Weed.



Hyacinth, Poppy, Taro and Spiral Palm in a harmonious grouping.

## SUBMERGED or OXYGENATING PLANTS

Whatever the size or style of the pool, you will wish the water to be pure and clear. Plants growing under water absorb the impurities and release oxygen to destroy them. Oxygenating plants are indispensable when fish are present as they provide a perfect balance for the animal life. Submerged plants also provide cover and protection to baby fish should any be hatched in your pool. The use of submerged or oxygenating plants in aquariums is more fully discussed under the heading of Plants for Aquariums, page 40.

The plants listed below are equally suited for ponds, pools or indoor aquariums. The first four will grow without planting, but all do better if rooted in soil, in shallow water or planted in separate receptacle. Do not plant in same receptacle with lilies. (See pages 40 and 41 for descriptions.)

**ANACHARIS** (*Elodea canadensis*). 50c for 3; \$1.50 per doz.

**CABOMBA** (Fanwort). 50c for 3; \$1.50 per doz.

**COON TAIL** (*Ceratophyllum*). 50c for 3; \$1.50 per doz.

**MYRIOPHYLLUM** (Milfoil). 50c for 3; \$1.50 per doz.

**LUDWIGIA** (Loosestrife). 50c for 3; \$1.50 per doz.

**SAGITTARIA** (Broadleaf). 50c for 3; \$1.50 per doz.

**SOUTHERN SPATTERDOCK** (*Nuphar sagittaeifolia*). 50c for 3; \$1.50 per doz.

**VALLISNERIA** (Tape Grass). 75c per doz.; \$5 per 100.

### Collections

#### Floating Plants

Five Varieties for a Small Pool, \$1  
No. 23A

Ten Plants in Seven Varieties, \$2  
No. 23B

#### Oxygenating Plants

For Small Pool, 20 Plants (5 varieties), \$2  
No. 24A

For Large Pool, 60 plants (5 varieties), \$5  
No. 24B

Pay us a visit. You will find our water gardens very interesting. See page 6.



## THE MARLIAC TRIO

(Collection No. 19)

This group includes three very fine hardy lilies of the true Marliac type. They are free blooming, fragrant and beautiful. Highly recommended for the small pool.

**CHROMATELLA.** The most popular of the yellows.

**MARLIAC ROSE.** Large and deep rose color.

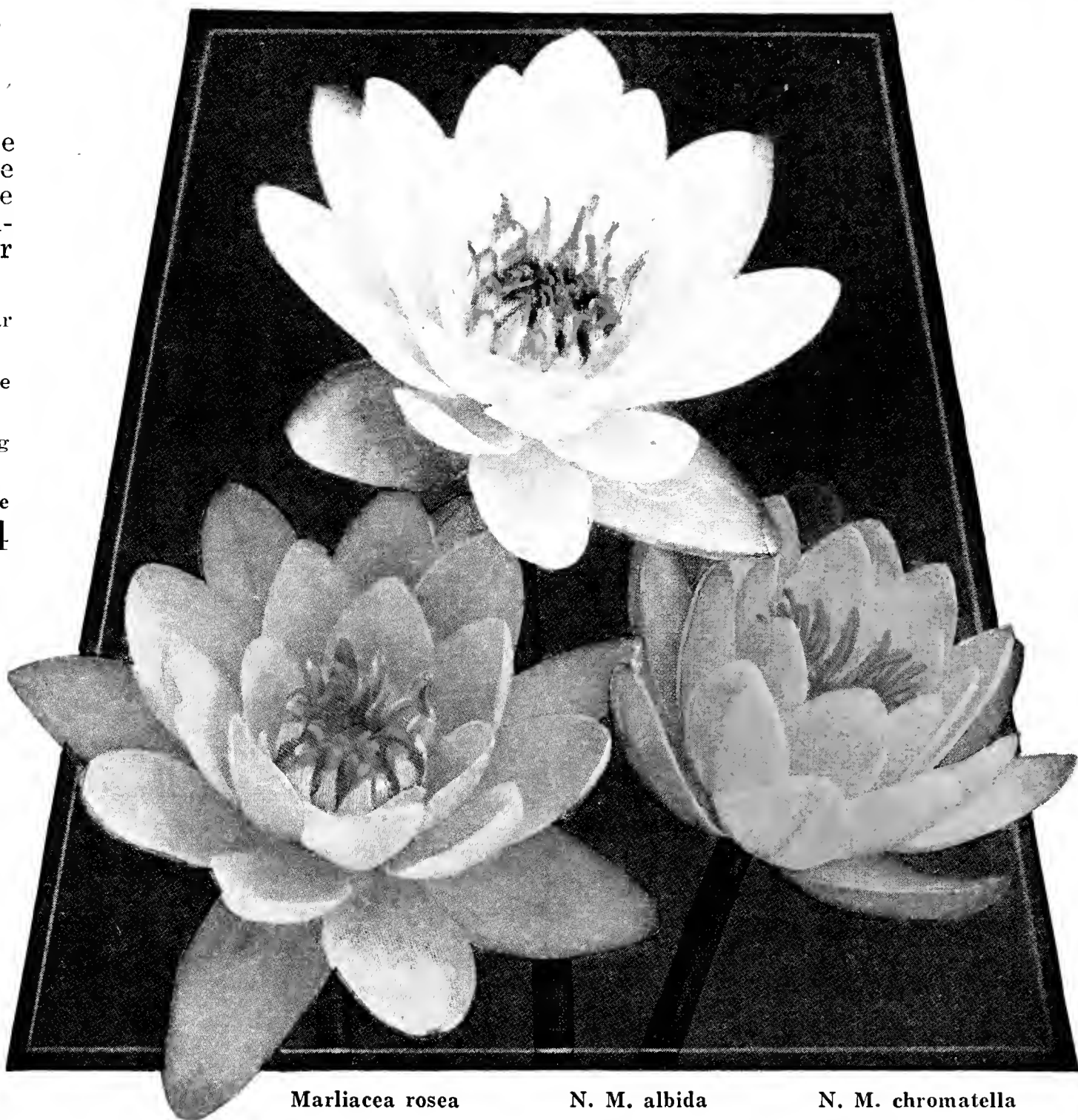
**MARLIAC WHITE.** Large sparkling white flower.

This collection of three distinctive hardy lilies complete for ..... **\$4**

## CULTURAL NOTE

Lilies bloom so abundantly that they exhaust the soil in which they grow, often times long before the season is over. Periodic feedings of our special fertilizer, "Praefecta," will result in more and larger flowers, and the plant will continue to bloom throughout the season. Praefecta is our own special fertilizer scientifically compounded to contain the right plant food for lilies. Be sure to include it with your order.

1 quart carton .....	\$1.00
5 pound bag .....	1.75
10 pound bag .....	3.25
25 pound bag .....	7.00



Marliacea rosea

N. M. albida

N. M. chromatella



## BOOKS ON FISHES

**GOLDFISH VARIETIES and TROPICAL AQUARIUM FISHES**, by W. T. Innes, former president Philadelphia Aquarium Society. The only modern work in English that covers various aquarium fishes, their care, habits, breeding, diseases; and aquatic plants; also construction of aquariums and pools. 300 pages, 275 illustrations. \$4.

**MODERN AQUARIUM**, by W. T. Innes. A new book on breeding and general care of goldfishes and tropicals, 64 pages, 30 illustrations. \$1.

**FISH ATLAS**, or Catalogue, a German work illustrating all kinds of aquarium fishes. 192 pages of illustrations. \$1.50.

## SOME INTERESTING BOOKS

A true water gardener will wish to know about the plants and fish he finds attractive. Realizing that this booklet is but an introduction to a fascinating hobby, we are glad to recommend the following books which have been written by the foremost authorities in this country, and which we can supply.

**GARDEN POOLS**, by L. W. Ramsey and Charles H. Lawrence. It is the most complete book on garden pools ever published. Tells where to locate and how to build pools. Describes and illustrates many different kinds of pools. Tells how to use and place rocks, how to select plants and care for lilies and aquatics. Complete diagrams and instructions make it easy for you to follow. Essentially a home-gardener's hand book. \$2.50.

**THE WATER GARDEN**, by Peter Bisset, is an excellent work dealing with the culture of water lilies and other aquatic plants, as well as the arrangement of perennials, shrubs, and evergreens for the borders and background of pools. 210 pages of interesting text profusely illustrated. \$5 a copy.

**THE OUTDOOR LIVING ROOM**, by L. W. Ramsey and Charles H. Lawrence. Tells in simple terms how to provide a beautiful setting for your pool. Describes and illustrates many outdoor garden rooms, planned and planted to promote the utmost in beauty and livability for the small home grounds. With simple terms, instructions and charts this book makes it easy for anyone to plant their grounds in good taste and to get more pleasure out of them. The most helpful landscape book we know of. \$2.50.

*Order early and avoid disappointment. Early orders get first attention.*

## HARDY PERENNIAL PLANTS

### for Margins and Backgrounds

NATURE always sets hardy plants around a small pool, and along the banks of a sluggish stream. So far as possible this plan should be carried out with the artificial pool in the garden.

The question often arises as to what should be planted around the pool that will be in keeping with the aquatic plants. The answer can only be such perennials as will thrive in wet soil. Such a condition must be "made" around an artificial pool, but around a natural pond the place is already there. The following plants are most suited of all the hardy perennials for use under such conditions. Be sure to keep the ground around the artificial pool always moist. The luxuriant growth of these plants when plenty of moisture is available is astounding. Most of the perennials are grown in 3 and 4 inch pots, and when shipped from such are in best condition for planting. No roots are disturbed, as in digging from the field, and the plants quickly begin to produce results.

**HARDY ASTERS.** These hardy New England Asters are very showy, and by reason of their late flowering are very attractive around the pool. They grow easily under most conditions, but thrive particularly well where there is considerable moisture. Grow about 3 feet high.

**A. Peggy Ballard.** A dwarf hardy Aster, of delicate lavender blue.

**A. Novae-angliae rosea.** Pink-flowering variety of the well known hardy New England Aster.

**A. Puniceus.** A splendid variety for wet soil, and under such conditions grows quite tall, producing a wealth of lilac-blue flowers.

**ASTIBLE (Spirea).** Graceful flower spikes of Spirea-like flowers; free-flowering and desirable.

**A. Queen Alexandra.** A beautiful hybrid of lovely pink.

**A. Gloria.** Deep pink. 2 feet.

**A. Grano.** Salmon-pink flowers. Strong grower. 3 feet.

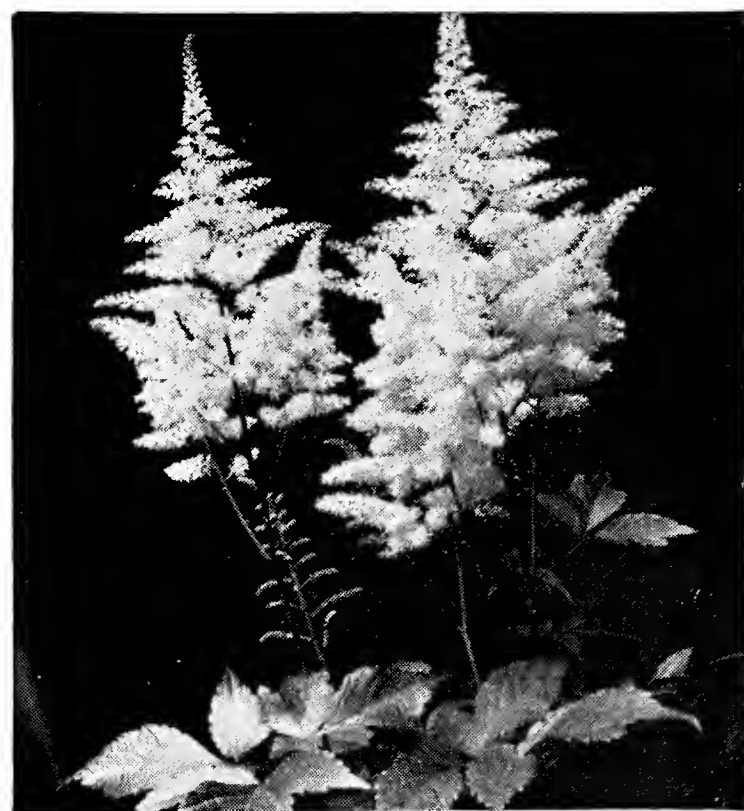
**EUPATORIUM Coelestinum (Mistflower).** Light blue. Very free-flowering. Late summer, 18 to 24 inches. Good cut flower.

All perennials are \$1 for 3;  
\$2.50 per doz.

#### Collection of Hardy Perennials

We offer a collection of 15 different plants from this list of beautiful and popular Perennials. 15 plants, our choice of varieties, for ..... **\$3**

(Collection No. 28)



The feathery panicles of Astilbe

**E. Urticaefolium (White Snakeroot).** Minute white flowers in dense heads; fine for cutting. A useful border plant of strong, free growth. 2 to 2½ feet high.

**FILIPENDULA Palmata (Meadowsweet).** Silvery pink flowers in broad, flat clusters, in June and July. Dark green foliage and purple-red stems and branches. One of the most useful hardy plants.

**F. Ulmaria fl. pl.** Has double white flowers during June and July. Grows about 3 feet high.

**HEMEROCALLIS Dr. Regel.** Very early flowering; a rich golden yellow. One of the very best Day Lilies.

**II. Dumortieri (Lemon Lily).** Dwarf; flowers in June. The flowers are a rich cadmium-yellow but the buds and the reverse side of the petals are more of a bronze-yellow, making a pleasing contrast.

**HIBISCUS.** New hybrids not at all in the same class with the type. The plants are vigorous and free-flowering, often exceeding 6 feet in height, branching, with monstrous flowers often 24 inches in circumference. Perfectly hardy in all sections of Canada as well as the United States. Our selection comprises the choicest deep crimson shades, together with pink and white. These will succeed in any good garden soil, but attain perfection in the water garden on the margins of pools. Pink, White, Crimson. Mixed colors only.

**HELENIUM Autumnale Rubrum (Sneezewort).** A very attractive plant, growing 4 to 5 feet high with broad spreading heads of bright terra cotta flowers.

**II. Pumila.** Dwarf. Bright yellow flowers.

**IRIS Siberica (Siberian Iris).** Fine for marginal planting. Grassy foliage and purple flowers.

**I. Siberica Snow Queen.** Beautiful ivory-white flowers.

**MYOSOTIS Scorpioides (Forget-Me-Not).** A well-known spring and summer flowering plant with small clusters of clear blue flowers with a yellow eye.

## BARGAIN OFFER OF JAPANESE IRIS

### Largest Flowering and Most Gorgeous of All Irises

Words cannot portray the rich beauty and exquisite coloring of the Japanese Iris flower. There is no flower you can plant at the edge of a pool, in a rock garden or in the border which will bring you more delight than Tricker's Japanese Iris, which we are offering here at a special bargain price. These are strong divisions of unnamed varieties ranging in color from pure white to richest purple.



3 strong plants, choice mixed varieties, postpaid ..... **75c**

6 strong plants, choice mixed varieties, postpaid ..... **\$1.35**

12 strong plants, choice mixed varieties, postpaid ..... **\$2.50**

Extra Heavy Clump, each 50c; per doz., \$5 (by express only).

Our "Praefecta" fertilizer is good for perennials, too. See page 17.



## PLANTS FOR GROWING AMONG ROCKS

Rock plants thrive under adverse conditions and are attractively used as a border edging for the pool itself or for a perennial bed around it. The pool may be edged with rough stone and any crevices that will hold a handful of soil will accommodate one or more interesting rock plants.

All Rock Plants are \$1 for 3; \$2.50 per doz.

**ACHILLEA** Boule de neige. Pure white flowers in great profusion all summer long.

**ARABIS** Alpina (Rock Cress). Low-growing. Small white terminal racemes in May. Continue to bloom a long time.

**CERASTIUM** Tomentosum (Snow-in-Summer). Low edging plant. Silver foliage and early white flowers. Showy.

**DIANTHUS** (Hardy Garden Pink). 12 in. A charming rock plant producing dark pink flowers like little carnations.

**FESTUCA** Glauca (Blue Fescue). Dense tufts of narrow-leaved grass, a pretty bright blue.

**GYPSOPHILA** Repens (Baby's Breath). Attractive trailing plant. Clouds of small white flowers in July and August.

**IRIS** Pumila. Dwarf. Blue, yellow or white. June.

**IBERIS** Sempervirens (Candytuft). Broad, wiry mats of dark, evergreen foliage. Mass of white bloom in May.

**MYOSOTIS** Alpestris (Forget-Me-Not). Bushy, compact edging plant. Blue, Rose, or White.

**NEPETA** Mussini (Catmint). Dwarf, compact habit. Masses of beautiful lavender bloom all season.

**PLUMBAGO** Larpentae (Leadwort). Dwarf, spreading habit. Covered with deep blue flowers during summer and fall.

**PHLOX** Subulata (Moss Pink). Moss-like, evergreen foliage. A mass of bloom in April and May. White, Blue, Lilac, or Pink.

**SEDUM** Acre (Golden Moss). Fine ground cover. Foliage green; flowers a pretty yellow.

**SEDUM** Sarmentosum (Stonecrop). Dwarf edging plant; a rapid grower.

**SEMPERVIVUM** Tectorum (Hen and Chickens). Broad rosettes. Leaves have reddish-brown tips; flowers pale red.

**THYMUS** Serpyllum coccineum (Thyme). Charming carpeting plant. A sheet of bright crimson flowers in midsummer.

**TUNICA** Saxifraga (Tunic Flower). Pretty tufted plant with light pink flowers produced all summer.

**VERONICA** Rupestris (Speedwell). Thick matting of green foliage. A cloud of bright blue flowers in April and May.

**VIOLA** Jersey Gem (Tufted Pansy). Splendid dwarf edging plants. Continuous bloom of a pure, rich violet. Slightly perfumed.

## HARDY FERNS for SHADY PLACES

Ferns which thrive under vigorous conditions such as foundation plantings, shady rockeries, or the margins of ponds. Collection includes 4 Ostrich Ferns, 4 Lady Ferns and 2 Osmunda Claytoniana Ferns. 10 Ferns for \$3.50. (Collection No. 27)

Two Collections (20 Ferns) for \$6.

## ORNAMENTAL GRASSES

### *Pleasing and Graceful*

**MISCANTHUS** sinensis gracillimus. The most useful and desirable of all the Eulalias. Its long, narrow, graceful foliage with silvery midrib renders it a very striking and distinct plant as a specimen or for grouping. \$1 for 3; \$2.50 per doz.

**PENNISETUM** Japonicum (Hardy Fountain Grass). Bright green, narrow foliage, 4 feet high. The cylindrical flower heads are tinged with bronzy purple. One of the most valuable Hardy Grasses. \$1 for 3; \$2.50 per doz.

**VARIEGATED RIBBON GRASS** (Phalaris Arundinacea Var.). This attractive grass is splendid for use at the corners of your pool and at junctures of a walk. It is also fine for grouping around a large clump of Pennisetum, Jap Iris or Hemerocallis. The leaves are longitudinally striped with white and are very ornamental. 25c each; \$2 per doz.

## HARDY BAMBOOS

The first thoughts for a tropical garden are Bamboos. They are hardy as far north as New York or Cleveland.

**BAMBUSA AUREA**. Close-jointed canes; leaves that are light, small and very graceful. \$1 each.

**B. AURICOMA**. A green and yellow variety that is very pretty. It will grow to 3 feet and make a rather compact growth. It is most effective when used in connection with the green-leaved varieties. \$1 each.

**B. FORTUNEI**. A dwarf variety that is about 18 inches high. The foliage is green and white. \$1 each.

**B. JAPONICA**. An interesting variety with broad green leaves. It grows 36 inches in height. \$1 each.

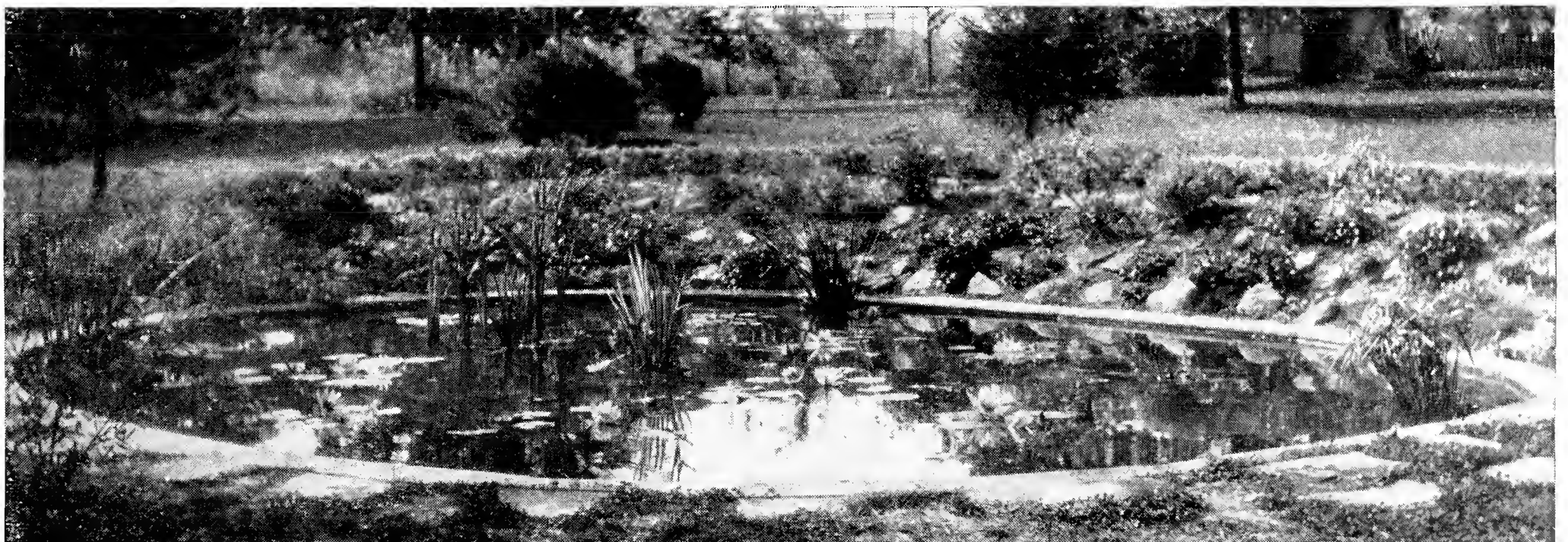
### COLLECTIONS of ROCK PLANTS

15 different rock plants, our selection from the above list, for \$3.

(Collection No. 29A)

50 rock plants, in not less than 15 varieties, our selection from the above list, for \$8.50.

(Collection No. 29B)



Attractive pool built by Frank Wisniesky, Mayor of Independence, Ohio. Note the pleasing rock garden background planted with perennials and rock plants, all of which, with the lilies and aquatics, were furnished by Wm. Tricker, Inc.

*Collections of lilies and waterplants appear on pages 26-30.*

# Goldfishes for Pools and Aquariums

THE water lily pool is always picturesque, but when you add gay-colored fishes—then your pool becomes the most alluring spot in the garden. And there are so many kinds of beautiful fishes—as you look over these pages you will be amazed at the great number of pretty and unique types you can choose from.

It was the oriental eye for the fantastic that first saw possibilities for beauty in the drab wild goldfish of old China, and oriental cunning that has brought to perfection the many beautiful goldfishes that we admire today. But it has remained for modern methods in our own country to bring the charm and flashing color of these interesting creatures within the field of pets and ornament in pool or aquarium. While many prefer the common and giant goldfishes for pools, the fancy types are equally desirable, and much preferred by some, especially for the small pool.

Most of the following types are sold in pairs. We exercise our best judgment in selecting pairs, but as it is sometimes difficult to determine the sex of goldfish, we are unable to guarantee this factor. They are shipped to you in cans. A charge of 50c for shipping can is made on small orders. Large cans are returnable by prepaid express at a cost of 20c. In ordering fishes read Terms and Policies on page 7. See also back of order blank.

**FREE**—With every shipment of fishes we send a pamphlet on their care and feeding.

**IMPORTANT CAUTION**—Do not put goldfish or other fishes in a new cement pool until the alkaline has been removed by draining the pool at least five times during the period of two weeks. The alkali may be neutralized by the use of strong vinegar, 1 quart to 100 gallons of water. Allow it to remain in the water for two or three days; then drain the pool and clean it thoroughly.

**NOTE:** The fishes shown in color on page 37 are difficult to obtain and are not listed here. Prices will be sent upon application.

Six of any variety of goldfish listed here sold at the dozen rate.

## Ornamental Giant Fishes for Pools

**YOUNG GIANTS.** The young giant goldfish, not as fully developed as the older type. Varies in length from 8 to 9 inches. This large fish lends a distinctive color note to the pool and is excellent for spawning. By the end of the summer there are usually a number of baby fish in the pool, just turning gold. \$2 a pair; \$10 per doz.

**GIANT GOLDFISH.** Selected breeders 10 to 12 inches long. If you want to raise a lot of young goldfish in your pool, these are the fish to buy. \$5 a pair; \$25 per doz.

**GIANT COMETS.** Giant goldfish of the single tail type, very active. Twelve inches in length. \$6 per pair; \$30 per doz.

**GIANT ORIOLES.** This is a giant goldfish in the popular orange and black colors. (The Princeton colors!) Ten to twelve inches, \$6 per pair; \$30 per doz.

**GIANT PEARLS.** Glistening, pure-white scales which occasionally have a spot of deep red. Ten to twelve inches, \$6 per pair; \$30 per doz.

## Other Types for Pools or Aquariums

**SELECTED GOLDFISHES.** Brilliantly colored and active. A fine strain prized for garden pools and ponds. Beautiful markings in black, white, red and silver.

2 to 4-inch—\$1.50 for six; \$2.50 a dozen.

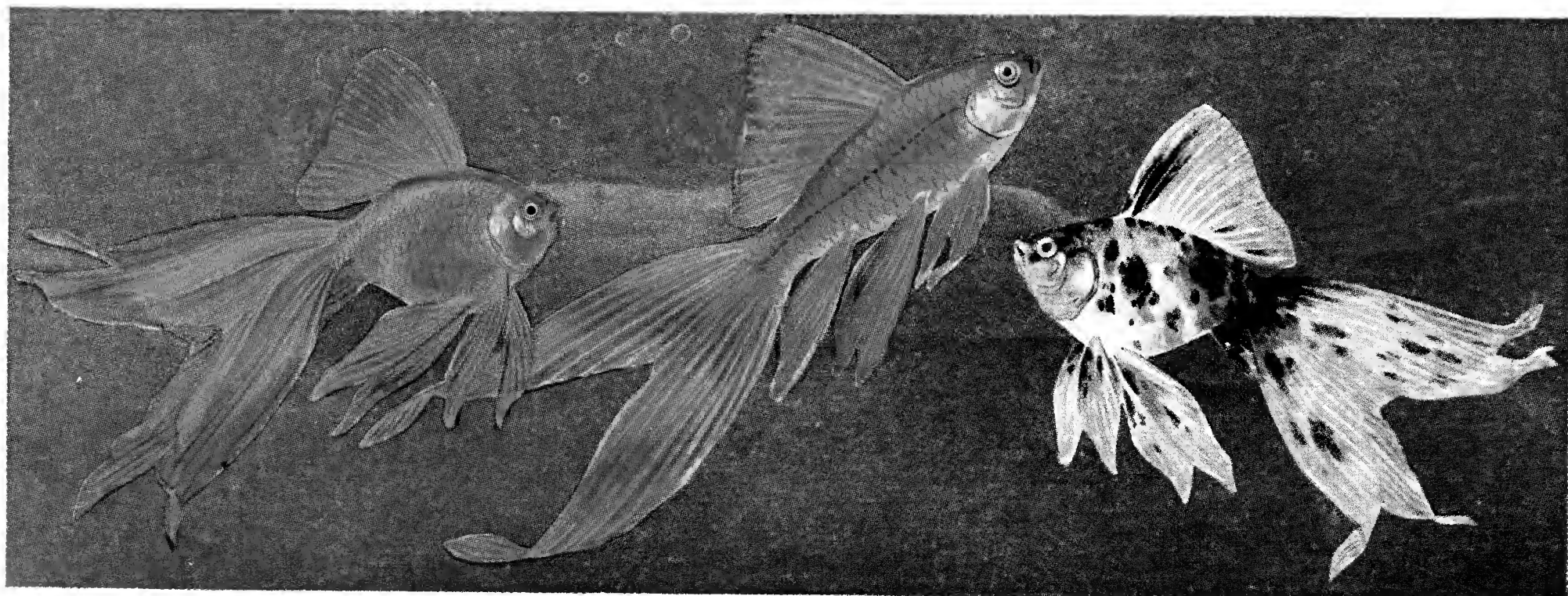
4 to 6-inch—\$1 for three; \$3.50 a dozen.

6 to 8-inch—\$1.50 for 2; \$8 a dozen.

**SELECTED COMET TAILS.** Like selected goldfishes in coloring, but with longer, graceful fins and tails. Their rapid movement adds flashes of gold to the outdoor pool. (See illustration in color below.)

3 to 5-inch—\$1 a pair; \$5 a dozen.

6-inch—\$1.50 a pair; \$7.50 a dozen.



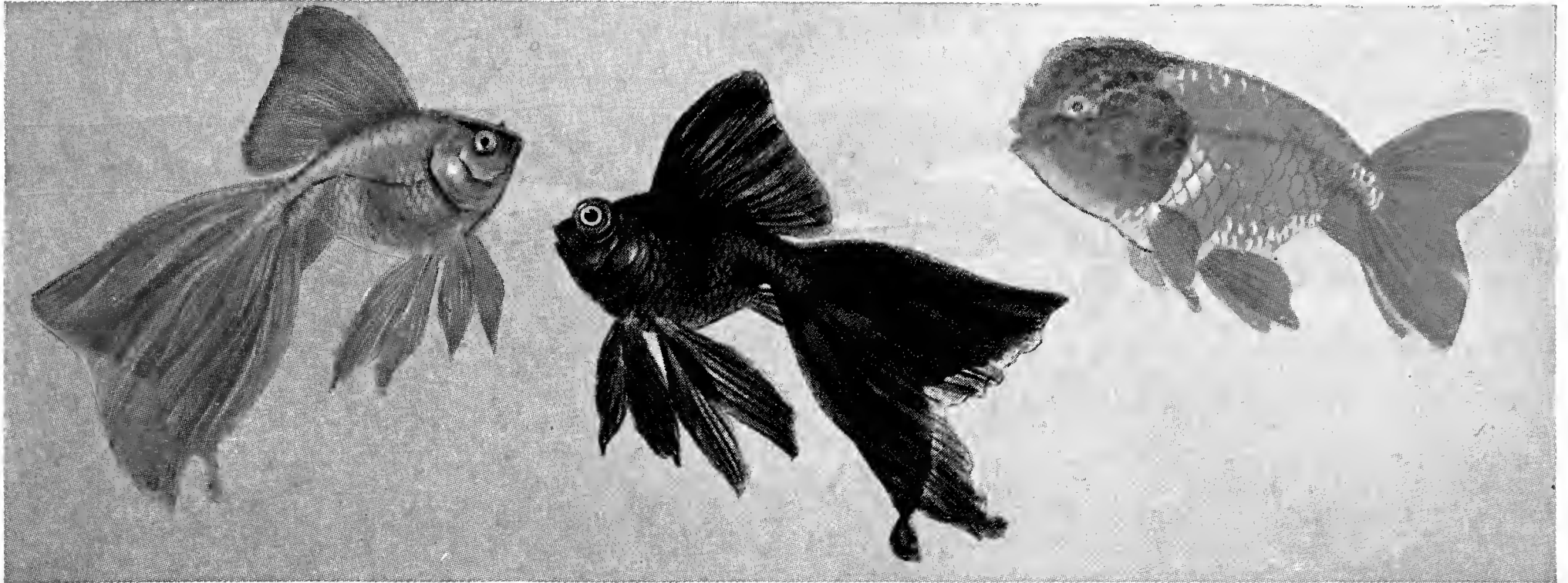
KOREAN FRINGETAIL

COMET TAIL

CALICO FRINGETAIL

*Interesting suggestions on the care and feeding of fishes appear on page 47.*





VEILTAIL JAP

VEILTAIL MOOR

LIONHEAD

**JAPANESE CALICO FISHES (Shubunkin).** The Japanese name "Shubunkin" means "Autumn Brocade." This is a fitting name, for the fishes are marked in a brocade pattern of glorious colors like autumn foliage, and even more varied. Blue is the predominating color, with mottled effects in red, gold, black, brown, lavender and white. Their active movement gives fine display of these colorings.

3 to 4-inch—\$4 a dozen.  
4 to 5-inch—\$6 a dozen.  
5 to 6-inch—\$9 a dozen.

**CALICO FANTAILS.** Marked like Shubunkin (Japanese Calico Fish) but with divided tail. \$2 and \$3 a pair; \$8 and \$12 a dozen.

**CALICO FRINGETALES.** Brilliantly mottled in blue, yellow, gold, silver, red and black, similar to the Japanese Calico Fish. A showy companion for Korean Fringetail. These can be had with or without Telescope eyes. (See illustration in color on page 36.) \$5, \$7.50 and \$10 a pair.

**KOREAN FRINGETALES.** A proud and haughty beauty that inspires exclamations of delight. Colored deep red, some with black or white markings. Selective breeding has developed two complete fan tails that in the larger fishes are graceful and drooping. (See color illustration on page 36.) \$2 and \$3 per pair; \$8 and \$12 per dozen. Breeders at \$10 per pair.

**JAPANESE FANTAILS.** Similar to Korean Fringetails but smaller, with shorter and less perfect tails. Gold, white and black markings. \$1 and \$2 a pair; \$5 and \$8 a dozen.

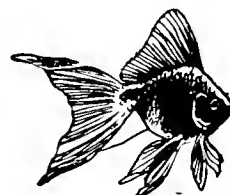
## Chinese Telescope Fishes

These fishes add a weird touch of the unusual in both form and color to any collection of goldfishes. The "telescope" eyes have been bred into fishes of all colors, but it has been found impossible to develop any black fish (Moors) without the telescope eyes.

**TELESCOPE MOORS (Black).** This all-black Chinese fish is highly prized and makes striking color contrast among brighter fishes. \$2 and \$3 a pair; \$8 and \$12 a dozen.

**TELESCOPE REDS.** This Chinese type is noted for its brilliant color and protruding eyes. \$2 and \$3 a pair; \$8 and \$12 a dozen.

**TELESCOPE CALICO FANTAILS.** Like the Shubunkin, or Japanese Calico Fish with vari-colored markings, fantail and odd protruding eyes. \$2 and \$3 a pr., \$8 and \$12 a doz.



## COLLECTIONS of Goldfishes

See note about sex of goldfishes in introduction, page 36.

### GOLDFISHES FOR THE SMALL POOL (No. 30E)

This combination supplies the necessary animal and fish life for a medium or small sized pool. The 14 fine fish will brighten the pool with flashing color, while the scavengers help to keep the water clear. Collection includes: 12 Common Goldfishes, 2 Calico or Gingham Fishes, 6 each of Tadpoles, Jap Snails, Ramshorn Snails, 2 Clams and 2 American Salamanders, including ship-  
ping can ..... **\$5.50**

### GOLDFISHES FOR THE LARGE POOL (No. 30L)

Besides a fine selection of common and giant goldfishes for the large pool, this group includes the gorgeously colored Shubunkins and interesting Fantails. Collection of 32 beautiful fishes includes: 1 pr. Giants, 10 to 12 in. long, 2 pr. Young Giants, 8 in. long, 1 doz. Common Goldfishes, 4 to 6 in. long, 1 doz. Shubunkins, 3 to 4 in. long, and 1 pr. American Fantails. \$21.50 value  
for ..... **\$15**

### ORNAMENTAL COLLECTION (No. 30A)

One pair each of Fantails, Telescopes, Moors, Comets, Albinos, and Calicos. One pair Japanese Snails, one dozen Black Ramshorn Snails. This collection, 12 fancy Goldfish in all, 14 Snails and shipping can.. **\$12**

### GINGHAM COLLECTION (No. 30H)

"Six Little Rompers"—one pair each of Calico Shubunkins, Calico Fantails and Calico Telescopes; with 2 Neptune Chemical Shells, 1 box Fish-Vim Fish Food, and shipping can. \$7.50 value..... **\$6**

### HOW TO LAND THE BIG ONES (No. 30D)

Why tell your friends about the big fish that fell off the hook? Show them some in your pool. One pair each Giant Goldfish, Giant Comets, Giant Orioles, and Giant Pearls, 8 whoppers ..... **\$15**

### MIKADO COLLECTION (No. 30C)

One pair each of young Calico Veiltails, Veiltail Moors, Jap Veiltails, Fringetails and Lionheads; with Oxygenating Plants (Col. No. 35B), suitable for 18 gal. aquarium. \$32.50 value for ..... **\$25**

*We recommend the purchase of at least one book on ornamental fishes. See page 33.*

## DEPENDABLE FISH FOODS

These foods are prepared and tested in our laboratory by our chemist and have proven satisfactory for both young and mature fishes.

**IN-NUR-CO.** A prepared cereal and meat food that is a practical, balanced ration for goldfish. We make and use it ourselves. This type of fish food has become very popular. It is easy to use and is effective and satisfactory. Especially valuable in pools where plants and roots are scarce. Small tins, 15c; ½ lb., 60c; 1 lb., \$1; 6 lbs., \$5.

**FISH-VIM.** For tropicals and goldfishes. Contains vitamins and necessary elements for growth and health of fish. Tin, 20c.

**TONIC FISH FOOD.** For fish in poor condition; accelerates growth of young and induces breeding. Tin, 25c.

**HYGIENE BABY FISH FOOD.** A food specially prepared for young and growing fish. Tin, 30c.

**DRIED SHRIMP.** An excellent concentrated food, consisting of the meat of the sea shrimp. An every day food for Goldfish or Tropicals. Tin, 15c; ½ lb., 60c; 1 lb., \$1; 6 lbs., \$5.

**DRIED DAPHNIA.** Carcasses of the tiny crustaceans of water fleas that are the natural sustenance of all baby fishes. Essential in raising young Tropicals. 2 oz., 25c; Pint, \$1; Quart, \$1.75.

**ENCHYTRAE WORMS.** Small, thread-like worms that are the only practical living food for tropical fish the year around. The worms are easily raised in a mixture of leaf-mold and light soil by feeding with moist bread or boiled potatoes. Single portion, 60c; Double portion, \$1.

## RELIABLE FISH REMEDIES

We have made a special study of the maladies of aquarium fishes and shall be glad to give you the benefit of our experience. If interested ask for our folder describing symptoms and methods of curing. The four remedies listed below should be kept on hand at all times.

**TURK'S ISLAND SEA SALT.** A tonic beneficial for all minor ills. Use 2 tablespoons per gallon and leave fish in bath for several days. Boxes 20c; 35c per pint carton; 50c per quart.

**GERMAN FUNGUS CURE.** An antiseptic tonic and healing preparation for all fish diseases where the fins are frayed or the scales coated with scum or fungus growth. Fish may be left in the bath indefinitely without injury. Preventive treatment is always advisable after the trip in the shipping can. Box, 20c; ½ lb., 35c; 1 lb., 60c.

**AQUARIUM DEODORANT AND OXIDIZER.** An active disinfectant and deodorant. Use in solution, tinting water a faint pink color, repeating when color disappears. Destroys Algae in the pool in several treatments. Avoid excess. 50c per bottle.

**ICHTHYOPHTHERIUS REMEDY.** Two drops per gallon will destroy the "Ich" parasites in five days without injuring the plants or fish. Advisable to in-

crease and maintain a uniform temperature of 75 to 80 degrees for tropical fish. 50c per bottle in special dropper outfit.

**ALKALINE TESTER.** For control of alkalinity in aquarium or in pool water. Indicator solution and acid for neutralizing. Set, \$3.

## AQUARIUM SUPPLIES

In addition to furnishing the supplies listed here, we are also able to offer complete service on special equipment.

**AQUARIUM CEMENT.** Our own superior brand. Powder and oil to be mixed as needed. \$1 per carton; \$2.50 for 3.

**AQUARIUM CLEANERS.** Blade holder mounted on long extension handles for reaching any part of the glass. (See Fig. 3.) 75c each. A special type for \$1.50.

**AQUARIUM GRIT.** Fine, white, silicon sand or fine gravel, especially prepared for growing oxygenating plants. 5 pound bag, 30c; 10 pound bag for 12 gal. aquarium, 50c; 25 pound bag for aquariums up to 30 gal., \$1.

**AUTOMATIC RUBBER SYPHONS.** Rubber tube with metal bulb which sucks water automatically. (See Fig. 1.) \$1 each.

**CRYSTAL SYPHON.** Self-starting, handy, practical. 75c each.

**GLASS ROD BREEDING CAGES.** 5x4x3 inches. Suspended in a small aquarium the cage may be occupied by ripe females of live bearing fishes, spawning pairs of Danios, or female Mouth Breeders that have hatched their eggs. \$2 each.

**NEPTUNE SHELLS.** Water purifiers; contain chemicals which neutralize excess acid or alkali in the water, purifying it and destroying germs. The pink counteracts Ichthyophtherius; the blue kills Pathogenic germs. 15c each; 2 for 25c.

**"CHIL-BRAKER" HEATERS** for warming water in aquarium. 25-watt for 10-gal. or less; 36-watt for 15-35 gal.; 75-watt for larger. \$2.50 each.

**DIP TUBES.** For removing sediment. (See Fig. 6.) 50c each.

**FLOATING THERMOMETERS.** Bulb side, Mercury or Spirit, according to stock on hand. 75c each. 6 in., straight side, Mercury, \$1 each; Spirit, 75c each. Holders which have a little suction base of rubber with a clip to hold thermometer in one place, 25c each.

**GLASS FEEDING RINGS.** Floating rings of glass tubing that keep food from scattering. (See Fig. 4.) Small 20c; large, 35c each. With tray to prevent food sinking, 50c each. For Enchytrae worms, (See Fig. 5.) 50c each.

**NETS.** For handling fishes. Quadrangular nets, 3 inch size, 25c each; 4 inch size, 35c each. 6 inch ring net for goldfishes, 75c each.

**PLANTING TONGS.** Very useful for working among the plants in the aquarium. (See Fig. 2.) Each, 75c. A special type for \$1.

**"TROP-LITE" HEATER-LIGHT.** Warms and illuminates aquarium, circulating warm current of water. Use different size light bulbs for various degrees of heat. 6 in., \$1.75; 9 in., \$2.40; 10½ in., \$2.50; 12 in., \$2.65; 15 in., \$3.

## COLLECTIONS

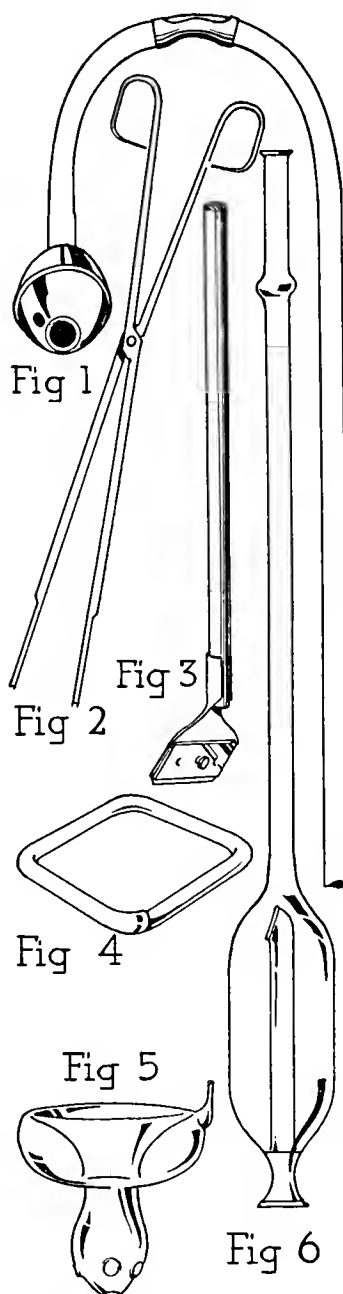
of Fish Foods and Remedies

(Collection No. 301)

Includes 1 tin In-Nur-Co, 1 tin Dried Shrimp, 1 tin Fish-Vim, 1 pint Turk's Island Sea Salt, 1 box Fungus Cure, 1 bottle Aquarium Deodorant and Oxidizer, and 1 bottle Ichthyophtherius Remedy, and two Neptune Shells. Total value, \$2.35. This group of 8 foods and remedies (Collection No. 301) for ..... **\$1.75**

(Collection No. 302)

**OUTDOOR POOL COLLECTION.** Includes 1 pound Dried Shrimp, 1 pound In-Nur-Co, 1 quart Turk's Island Sea Salt, 1 pound Fungus Cure, 1 bottle Aquarium Deodorant, and 1 bottle Ichthyophtherius Remedy. Total value, \$4.10. Special Collection offer ..... **\$3.25**



## COLLECTION

of Aquarium Supplies

We recommend the purchase of this collection which includes 1 Crystal Syphon, 1 Thermometer, 1 Thermometer Holder, 1 Feeding Ring, 1 Aquarium Cleaner, and 1 3-inch Tropical Fish Net. A very good collection for the beginner. Total value \$3. This group of 6 items (Collection No. 401) ..... **\$2.50**

A good book on hand is a valuable asset in caring for fishes. Turn to page 33 for a list of the best books available on this subject.

*Oxygenating Plants are an important aid in keeping the pool crystal clear.*



# TRICKER'S MODERN AQUARIUMS

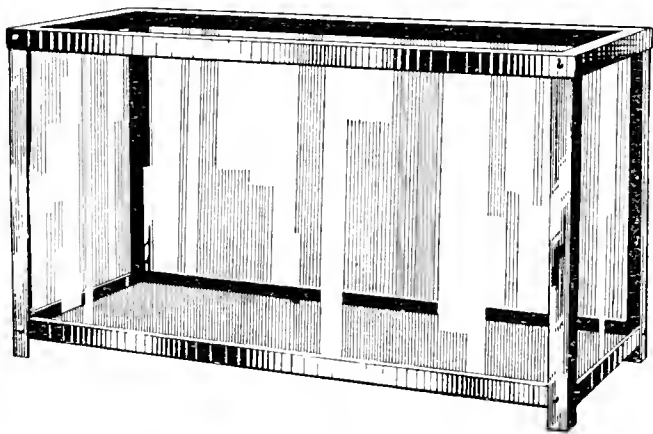
*Beautiful, Inexpensive, Sturdy and Practical*

THIS attractive line of aquariums is Tricker-designed and Tricker-built. There is a style to meet every need and every purse. All are modern in line and built to give service and satisfaction, having been developed after years of experimenting. Any Tricker aquarium will harmonize well with the furnishings in your home, and when stocked and planted will surely provide an endless source of delight to children and grownups alike. It is much better to buy a strong aquarium such as these which will give years of service than to buy a light, cheap product of questionable durability.

## TRICKER'S NEPTUNE AQUARIUM

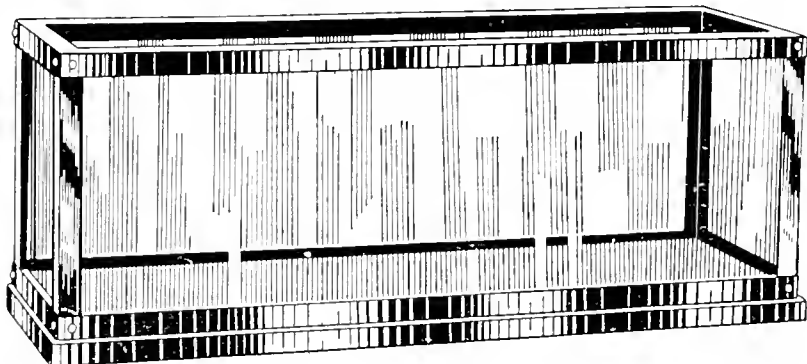
Those who want a good serviceable aquarium sturdily built and yet inexpensive will find this one just the thing. It is designed and constructed to give the maximum capacity and appearance when planted and stocked with fish. Made of angle aluminum with slate bottom and double strength glass all the way through. Available in four convenient sizes.

No. 304—16x8x9½—4 gal. ....	\$5.50
No. 306—18¼x8¾x10¾—6 gal. ....	\$7.00
No. 308—19½x9¾x11¾—8 gal. ....	\$8.00
No. 310—21½x10½x12¾—10 gal. ....	\$10.00

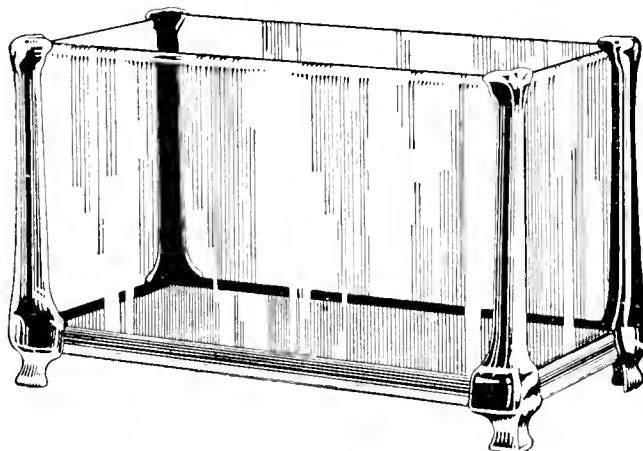


## New WINDOW DISPLAY AQUARIUM

No. 606—25½x7½x9—6 gal., especially designed for windows. Glass partitions may be put in these aquariums for separating different varieties of fish. Made of angle aluminum with slate bottom and double strength glass. Attractive and ornamental.....\$11



**WINDOW DISPLAY AQUARIUM.** No. 510—30x8x10—10 gal. This larger size is another popular number with us. See illustration in color on page 41. ....\$17.50



## DELUXE AQUARIUM

Those who want the best select the DeLuxe design. It has all the good features of a sturdy aquarium with refined and ornamental lines. It is attractive enough to enhance any room regardless of the furnishing scheme. Its cast aluminum frame, highly polished, supports glass sides without metal upper edge. The glass has bulb edge, a perfect finish to the aquarium. Four convenient sizes for either goldfishes or tropicals.

No. 206—16x 9x10— 6 gal. ....	\$15
No. 211—20x11x12—11 gal. ....	\$20
No. 218—24x12x14—18 gal. ....	\$30
No. 230—31x14x16—30 gal. Has reinforcing bars across top and metal base bottom for additional strength, as illustrated at right....	\$60

## ORNAMENTAL IRON STAND

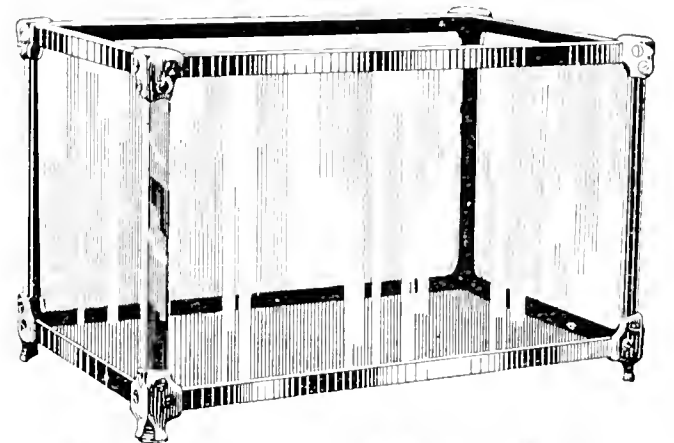
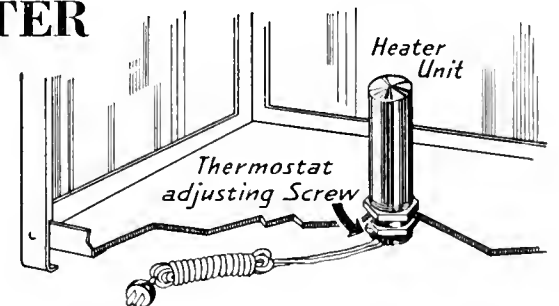
for DeLuxe Aquariums

This splendid ornamental iron stand (see illustration) is specially designed to support No. 230 DeLuxe Aquarium. Together they make a beautiful outfit. Attractive in design, sturdy and a most pleasing piece of furniture. Stand without aquarium...\$30  
Stand and aquarium.....\$85

**PORTO-UNIT HEATER.** A new portable thermostatically controlled heating unit for aquariums. Each \$7.50

## PERMO-UNIT HEATER

A new, electric aquarium heater which is permanently installed through slate bottom of aquarium. Adjustable thermostat controls range of temperature. Brass construction, chromium plated, a non-toxic finish. We will equip any aquarium ordered from us with this element for \$7.50 extra. Separate units \$6.50.



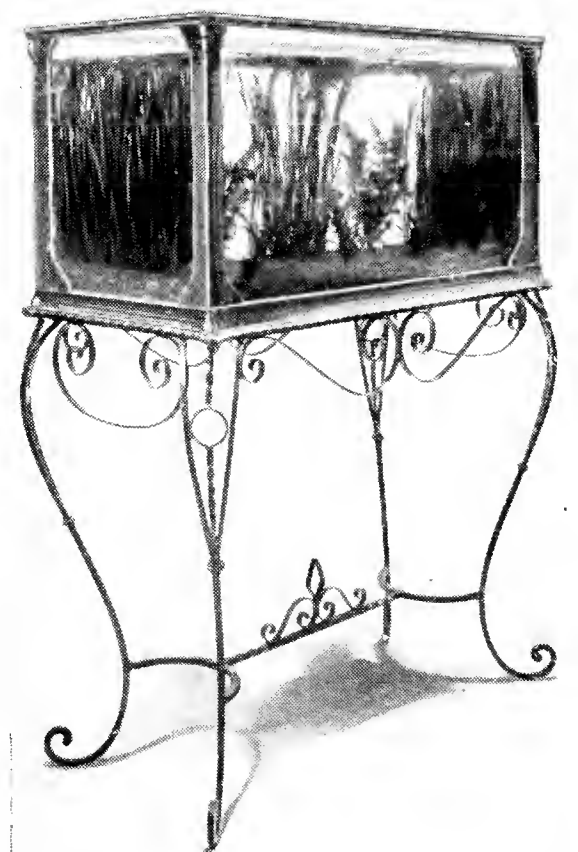
## EUREKA AQUARIUM

Another economical design in an aquarium for all purposes. It has such desirable features as double strength glass, slate bottom, ornamental polished aluminum corners and feet, and heavy angle drawn aluminum frame. Its simple lines are very pleasing and harmonious. It is indeed a very attractive and popular design. Available in three convenient sizes.

No. 107—17½x10x10—7 gal. ....	\$10.50
No. 112—20½x12x12—12 gal. ....	\$13.50
No. 120—24½x13½x13½—20 gal. ....	\$17.50

## HANDY AQUARIUMS

10x6x7 in.—1½ gal. For pairs of tropical fishes or young fishes. Dull green frames and glass bottoms .....\$1.50

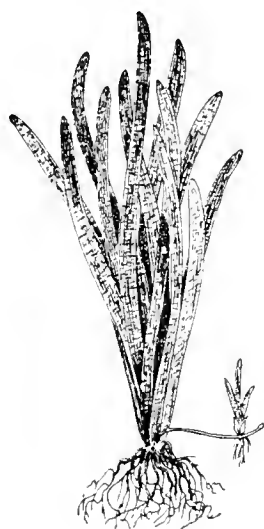


No. 230 Aquarium and Stand.

*We furnish a pamphlet on the care of fishes and aquarium management free with your order.*

# OXYGENATING PLANTS FOR

to keep the water clear and pure



Sagittaria  
Sinensis



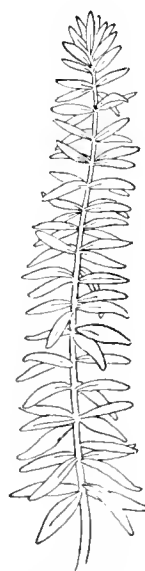
Water Poppy



Cabomba



Vallisneria



Anacharis



Ludwigia

## A FEW TYPES OF OXYGENATING PLANTS

TO INSURE proper living conditions for your fish and to keep the water pure and clean, water gardens and aquariums should be planted with suitable oxygenating plants which absorb the impurities and liberate oxygen. With these plants you can provide a balanced condition of plant and animal life and remove the need for changing the water often. When these plants have been used we have known aquariums to be in perfect condition after two years without a single change of water.

We offer suitable collections of the right varieties to balance the aquarium. In these collections are Vallisneria, which has long, ribbon-like leaves; Sagittaria, a strong growing plant with dark green leaves, one of the best oxygenators known and strikingly ornamental; Salvinia, a floating plant, and others. Place an inch or two of well washed sand in the bottom of the aquarium and in this plant several varieties of water plants. Plant the Vallisneria around the sides and back, and Sagittaria just in front of the Vallisneria, and bank the sprigs of other plants in the corners and at other points for ornamental effect; and let Salvinia float on the water.

### The Best Oxygenators

Under this heading we list those plants which are most valuable for supplying the necessary oxygen in pool or aquarium.

**VALLISNERIA.** Long, ribbon-like leaves. 75c per doz.; \$5 per 100.

**ANACHARIS.** Dark green foliage; lighter stems. 3 bunches 50c; \$1.50 per doz.

**CABOMBA.** Glossy green, fan-like leaves. Stems red or green. 3 bunches 50c; \$1.50 per doz.

**MILFOIL (Myriophyllum).** Fine, needle-like green leaves in bushy formation, giving appearance of plumes. A favorite for fish spawning. 3 for 50c; \$1.50 per doz.

**HAIR GRASS.** Will carpet your aquarium with two inch grass needles. Ideal for protecting eggs and young fish. 50c for 25 plants.

**SAGITTARIA SINENSIS.** Dark green leaves; strong-growing plant. 3 plants 50c; \$1.50 per doz.; \$10 per 100.

**SAGITTARIA SUBULATA.** Dwarf. 75c per doz.; \$5 per 100.

**SOUTHERN SPATTERDOCK.** Broad, light green leaves; very ornamental 50c for 3; \$1.50 per doz.

### Floating Plants

If your fish collection includes some Bubble Nest Builders (Labyrinth Fishes) we recommend the addition of some floating plants.

**SALVINIA.** See Floating Plants, page 32.

**AZOLLA.** Surface-growing plant with dark green or red leaves.

**UTRICULARIA MINOR.** Masses of green threads with very tiny air bladders. Commonly used for spawning fishes like Haplochilus and Rivulus.

**FLOATING ELODEA.** Rapidly forms a thick jungle of leaves several inches below the surface. Best protection for young fishes.

**CRYSTAL WORT. (Riccia fluitans).** Dense grower. Protects young fishes.

Price of above 5 Floating Plants: 25c per portion.

### Ornamental Varieties

While all oxygenating plants are attractive, this group includes those which are really more ornamental than useful.

**CRYPTOCORYNE.** Thrives in deep shade. Graceful, dark green leaves. 75c each; \$2 for 3; \$7.50 per doz.

**LUDWIGIA.** Foliage green above; pink beneath, 3 bunches 50c; \$1.50 per doz.

Have you noticed our portable Mir-A-Pool offer on page 5?



# POOLS and AQUARIUMS

**PARROT FEATHER.** The growth above as well as below the surface offers ideal protection for the nests and young of Paradise Fishes. 3 bunches 50c.

**UMBRELLA PALM.** Lends a touch of tropical atmosphere. Best grown in pots only partly immersed. 35c each; \$1 for 3.

**WATER HYACINTH.** Dark green leaves which are supported on the surface of the water by small bulbs. 50c for 3; \$1.50 per doz.

**SHELLFLOWER** (*Pistia stratiotes*). Blue-green leaves in the form of a rosette. 50c for 2; \$2 per doz.

**WATER POPPY.** A very satisfactory ornamental plant that will bloom in the aquarium. Does best in pots of soil. 50c for 3; \$1.50 per doz.

**WATER SNOWFLAKES.** Floating leaf plants with feathery white flowers above the water. 25c each.

## COLLECTIONS

of oxygenating plants sufficient to balance aquariums of different sizes.

(Collection No. 35A)

**SEVEN VARIETIES** of aquarium plants including the best oxygenators, such as Anacharis, Sagittaria, and Vallisneria in sufficient quantity to balance a 10-gallon aquarium.  
postpaid .....\$1.10

(Collection No. 35B)

For 18 gallon aquarium—  
7 varieties described  
above .....\$2

(Collection No. 35C)

For 30 gallon aquarium—  
9 varieties described  
above .....\$3



### Amazon Collection of Tropical Fishes

(Collection No. 60)

10 Specimens of 5 different species, comprising 1 pair each of Angel Fishes, Blue Moons, Red Moons, Zebra Fishes and Dwarf Gourami. (See Nos. 21, 2, 9, 12 and 1 in color on page 44.) Good start for an interesting group; will all thrive together in small aquarium. See illustration above. Value \$13.50.  
The ten for \$10.

### Window Display Aquarium

No. 510—30x8x10 in.—10 gal., designed for home windows; has polished aluminum frame, slate bottom, reinforced with aluminum bars. Illustrated above. \$17.50.

Use "Praefecta,"  
the Perfect  
Water Lily Fertilizer.  
See page 17.

Other collections of Tropical Fishes appear on page 47.

# SCAVENGERS for the Pool or Aquarium

THE plants in the water garden, just like all others that beautify your grounds, should be kept cultivated, fertilized and free from insects if they are to look their best. Scavengers are the housekeepers of the pool and relieve you of this responsibility—fish feed upon the insects; snails devour algae and green scum; tadpoles eat decayed matter, and clams or mussels act as continuous filters to keep the water clear.

For your convenience we are listing some of the most valuable and interesting scavengers that keep pools and aquariums clear. See page 40 for oxygenating plants.

**AUSTRALIAN RED SNAILS.** (*Isadora proteus*). Snails that are smaller and more active than the Coral variety. They are a bright scarlet in color. Their shell is curled like the African snail. An ideal aquarium novelty. 3 for 50c; \$1.75 per doz.

**JAPANESE SNAILS.** (*Viviparus malleatus*). These large, hardy snails should be in every pool and aquarium. They devour algae and green scum and thus help to keep the water clear. 3 for 50c; \$1.50 per doz.; \$10 per 100.

**CORAL SNAILS.** (*Planorbis rubrum*). (Illustrated in color on page 45). These are the finest aquarium snails in existence, and their coral red body and shell make them colorful as well as useful. Also known as Red Ramshorn or Copenhagen snails. 3 for 50c; \$1.75 per doz.; \$15 per 100.

**BLACK RAMSHORN SNAILS.** (*Planorbis corneus*). Medium sized snails with shell characteristic of the name. Very prolific egg layers and particularly useful in removing the algae or green scum that forms in the sunlight. 3 for 25c; 75c per doz.; \$5 per 100.

**MELANTHO SNAILS.** (*Melanopsis graellsii*). Long spiral shells like the "Horn of Plenty." Active and hardy scavengers. 3 for 25c; 75c per doz.; \$5 per 100.

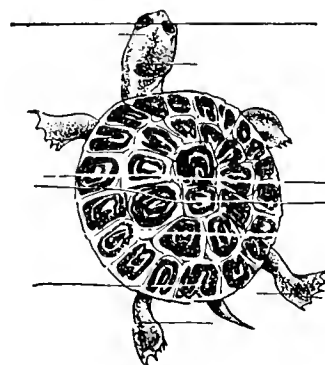
**GEOGRAPHIC TURTLES.** The most popular item in this list though admittedly more ornamental than useful. Little fellows about two inches across and with curious mosaic or maplike designs on both upper and lower shells. Like all water turtles they like to sun themselves and while waiting for lily pads to grow, they should have a rockery or floating board for this purpose. 2 for 50c; \$2 per doz.

**AMERICAN SALAMANDERS.** A harmless species of water newt that may or may not be fireproof like its fabled ancestor. Golden brown with red lines and black dots on the back; yellow spotted with brown beneath. Closely related to the frog and fond of insects. 3 for 50c; \$1.50 per doz.

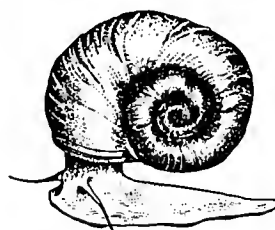
**JAPANESE SALAMANDERS.** A handsome type with black bodies and red vests. Like the above they are good insect-eaters. 2 for 50c; \$2.50 per doz.

**GREEN FROGS.** Ornamental, likable, and the best insect trap ever known. When we see lily pads we expect to see a bull frog nearby. Any size. 75c per pair; \$3 per doz.

**TADPOLES.** The younger generation of the frog family that grow legs the first or second season; 3 inches long; active in devouring decayed matter and green algae. Entirely harmless to other fish and plants. 75c per doz.; \$5 per 100. Shipping can 50c each.



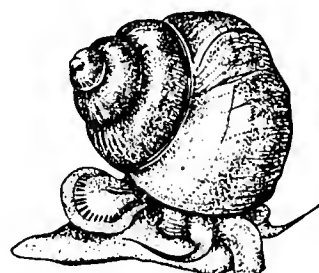
GEOGRAPHIC TURTLE



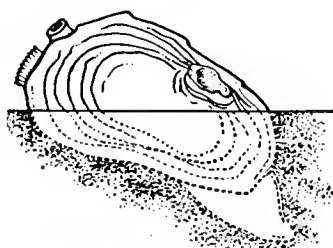
RED RAMSHORN SNAIL



AUSTRALIAN SNAIL



JAPANESE SNAIL



CLAM WORKING IN SAND



WEATHER FISH



AMERICAN SALAMANDER



BABY ALLIGATOR



GREEN FROG

**CLAMS or FRESH WATER MUSSELS.** An effective remedy for green or cloudy water. The clam lives by filtering the solid nourishment out of great quantities of water, leaving it crystal clear. They operate best in a few inches of soil or sand where they travel about occasionally and feed with shell or edge half buried in the earth. Use plenty of them and notice the difference in your pool. 3 for 50c; \$1.50 per doz.

**WEATHER FISH.** A curious eel-like fish 4 to 6 inches long with a curious habit of inhaling sand and blowing it back through the gills. It is a most excellent scavenger, besides providing a natural cultivation for aquatic plants. \$2 per pair; \$8 per doz.

**BABY ALLIGATORS.** Little alligators about 10 inches long that soon become pets. They add a little Florida atmosphere. As they like tadpoles, stock your pool well. \$2 each; \$3.50 per pair.

Weather fish and tadpoles require shipping cans but the other scavengers are shipped in damp moss.

## COLLECTIONS

### SCAVENGERS

For Aquarium or Small Pool

(Collection No. 34A)

Half dozen each of Tadpoles, Jap Snails, Black Ramshorn or Melanthos, two Clams and a pair of American Salamanders ..... \$2 with shipping can

For Large Pool

(Collection No. 34 B)

One dozen Jap Snails, one dozen Tadpoles, two dozen Black Ramshorn or Melanthos, six Clams, four Salamanders, and a pair each of Green Frogs and Geographic Turtles, ..... \$5 with shipping can

(Collection of Snails No. 34C)

It is difficult to get too many snails, performing as they do the useful function of removing decaying vegetation and particularly the green scum-like growth of algae. Use two snails per square foot of bottom area. General assortment \$1.50 per doz.; \$7.50 per 100.

### PLANTS AND SCAVENGERS

(Collection No. 34D)

For 10-gallon aquarium, 5 varieties of plants, one Salamander, a pair each of Jap, Coral, and Ramshorn or Melantho Snails ..... \$2

(Collection No. 34E)

For 18-gallon aquarium. Sufficient plants in 7 varieties, one pair Salamanders, 4 Jap, 4 Coral and 6 Ramshorn or Melantho Snails ..... \$3.50

(Collection No. 34F)

For 30-gallon aquarium. Sufficient plants in 9 varieties, one pair Salamanders, 6 Jap, 4 Coral, 12 Ramshorn or Melantho Snails, one pair Clams, 6 Tadpoles ..... \$5

### "MY POOL IS A BEAUTIFUL SIGHT"

July 2, 1931.

My pool, thanks to Tricker's lilies, is a beautiful sight and the admiration of all who see it. The Gloriosa planted last year had 12 blooms on it at one time this summer, and Paul Harriot, Rose Arey and Chromatella are doing their best to beat one another.

Miles H. Alexander, Miamisburg, Ohio.

Order early and avoid disappointment. Early orders get first attention.



# TROPICAL FISHES

## For Pools and Aquariums

ON PAGES 44 and 45 we illustrate in color about forty specimens of tropical fishes which are just a few of those comprising our list. The fantastic and exotic form and coloring of these unusual fishes is difficult to portray. So brilliant are many of them and so interesting are they all that tropical fishes are now the most popular aquarium fishes and are much in demand.

### Varieties Good for Pools

Many of the tropical fishes are desirable for pools. They are the natural enemies of mosquitoes and we offer a special collection of mosquito killers for this purpose, or single varieties may be purchased separately.

If you have never seen a balanced aquarium with crystal clear water and a collection of tropical fishes, a most pleasant experience and surprise awaits you. Beautiful and unusual, even bizarre, with the lure of jewel tones, the many forms of tropical fishes hold a never-ending fascination for the beholder. Not only in form and color, but even in habits of life are they an absorbing study. On page 39 we illustrate attractive aquariums reasonable in price.

**QUALITY.** Except where young fish are specified, our prices are for average size adults. When available, extra large or select fish are quoted higher, as are mated pairs of some varieties whose sex is not easily determined.

\*The varieties of fishes that live together peacefully are marked (\*) in the listing below.

### Live-Bearing Fishes

From Mexico and Central America

Unusually interesting in that they do not spawn but give birth to living young.

#### \*Mexican Swordtails

**MEXICAN SWORDTAILS** (*Xiphophorus helleri*). See No. 19, page 44. 1½ inches to 2 inches long. \$2 pair; \$5 for six; \$8 dozen.

**ORANGE SWORDTAILS.** Same as Mexican, with orange colored tail. \$3 pair; \$7.50 for six; \$12 dozen.

**CRESCENT SWORDTAILS** (*Xiphophorus rachevii*). Black crescent at base of green tail. \$2 pair; \$5 for six; \$8 doz.



## CARE AND FEEDING OF FISHES



**F**ISHES in the pool will do better if fed three or four times a week with such foods as are suggested below.

When fishes are kept in the aquarium proper feeding of both goldfishes and tropicals is important. The best foods to use are those we offer on

page 38. Feed according to the following suggestions:

Goldfishes should be fed about three times a week, varying their diet with Tricker's Dried Shrimp, In-nur-co, Fish Vim, Tonic Food, or angle worms when available. Do not feed goldfishes any more than they will clean up in ten to fifteen minutes, for they are soon killed by over-eating.

Adult tropical fishes should be fed every day, varying their diet with Dried Shrimp, Dried Daphniae, Fish Vim, Tonic Food or occasional Enchytrae Worms. They will not over-eat but should not be fed more than they will clean up in fifteen minutes. Young tropicals should be fed a small amount of Tricker's Baby Hygiene Food, two or three times a day.

**IMPORTANT**—See that no food is left in the aquarium as it will spoil and pollute the water. Better feed the right amount or draw off all excess food.

### When Winter Comes

Goldfish in outdoor natural ponds can be left there in winter. They may also be left in artificial pools if the pool is deep enough or sufficiently protected to keep the water from freezing solid. The ice must be broken frequently so that the water does not become foul. It is best, however, to move the fish indoors into a glass aquarium which permits you to enjoy the fish all winter.

Tropical fishes should be kept over winter in an aquarium. You can crowd quite a few tropical fishes into small quarters. They should be removed from outside pools before temperature falls below 60 degrees.

They will thrive in a room with a temperature of 70 degrees. An electric aquarium heater, as listed on page 46, will help keep your tropicals safely, when emergency heating is necessary.

### We Will Help You

In case of unusual trouble with your fish ask us about it, telling all details. Our research department keeps posted on remedies for fish diseases, breeding methods, and proper feeding. We will be glad to help whenever needed. See page 33 for list of helpful books.

### The Balanced Aquarium

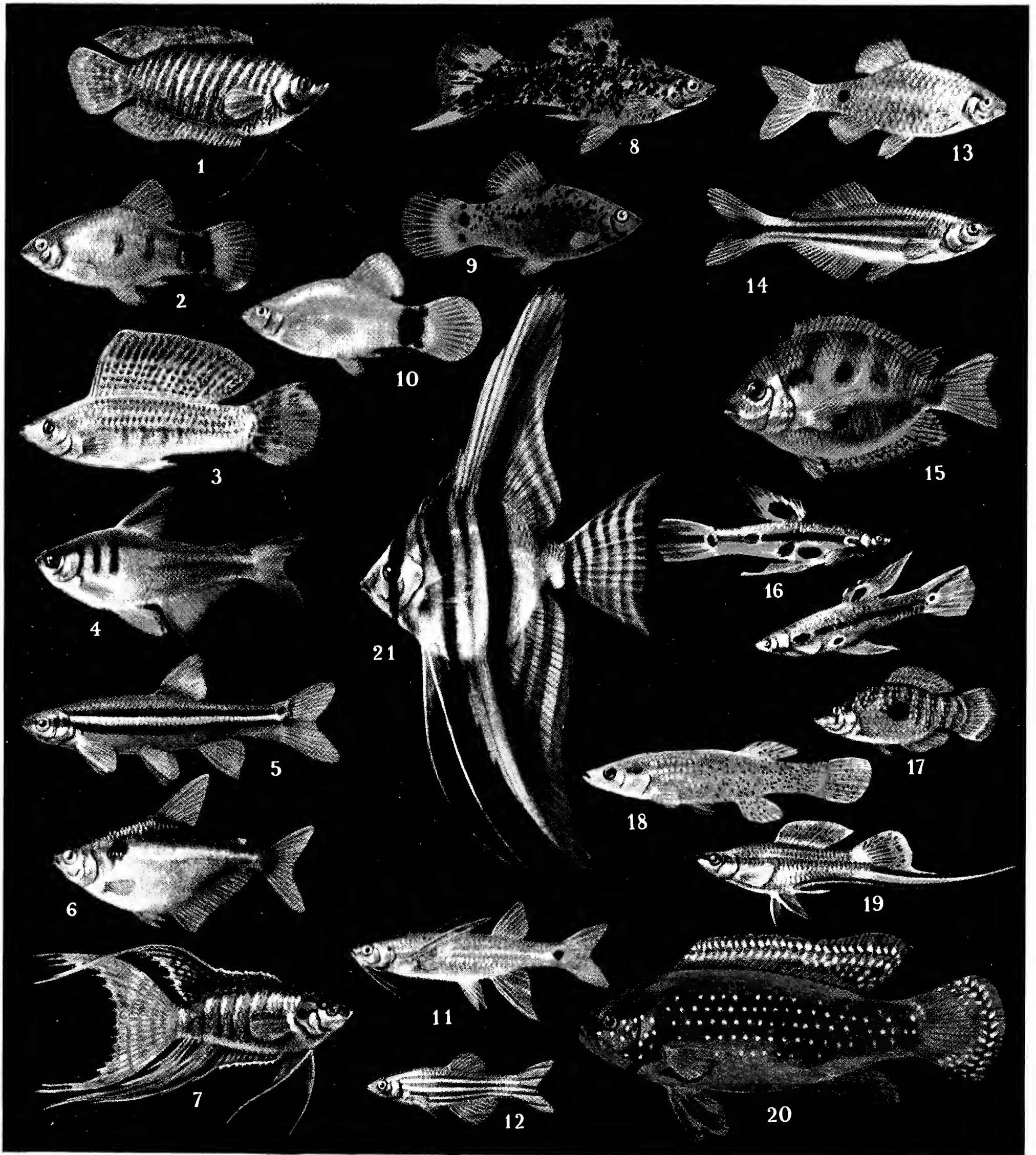
The construction and development of modern home aquariums, with their convenience of handling, the clear view they afford of fish life from all angles, and the small cost of maintaining them, has provided means for many a home to know the delight of a collection of goldfishes and tropical fishes.

The aquarium should be large enough for growing plants in the water to balance the fish life. A well balanced aquarium has plant life to provide oxygen, and the water is never, or rarely, changed. Snails and clams will keep the aquarium clean and the only care needed is the daily feeding. For best results, aquarium plants should receive good strong light but not direct sunlight. The action of sunlight upon organic matter in the water forms a minute vegetable growth known as algae, which is a green slime-like substance that is often seen in aquariums. Besides forming this undesirable growth, sunlight warms the water and drives out much of its free oxygen content which is so essential to vigorous fish life.

The rule for goldfish is a gallon of water, or 20 sq. in. of water surface, for each inch of fish. If less, a part of the water should be changed when fish gasp at the top. In small aquariums change the water frequently according to the size and the number of fishes.

Tropical fishes will stand small and even crowded quarters and will thrive in well planted aquariums perfectly at home, will set up family life, and raise young.

# A Selection of the Most Colorful and



Listed below are the names and page references of these Tropical Fishes.

## LIVE BEARING VARIETIES

- (2) Blue Moons, page 46.
- (3) Sailfins, page 46.
- (8) Red Hybrid Helli, page 46.
- (9) Red Moons, page 46.
- (10) Gold Moons, page 46.
- (16) Rainbow Fish, page 16.
- (19) Mexican Swordtail, page 43.

## BUBBLE NEST BUILDERS

- (1) Dwarf Gourami, page 46.
- (7) Paradise Fish, page 46.

## CICHLIDS

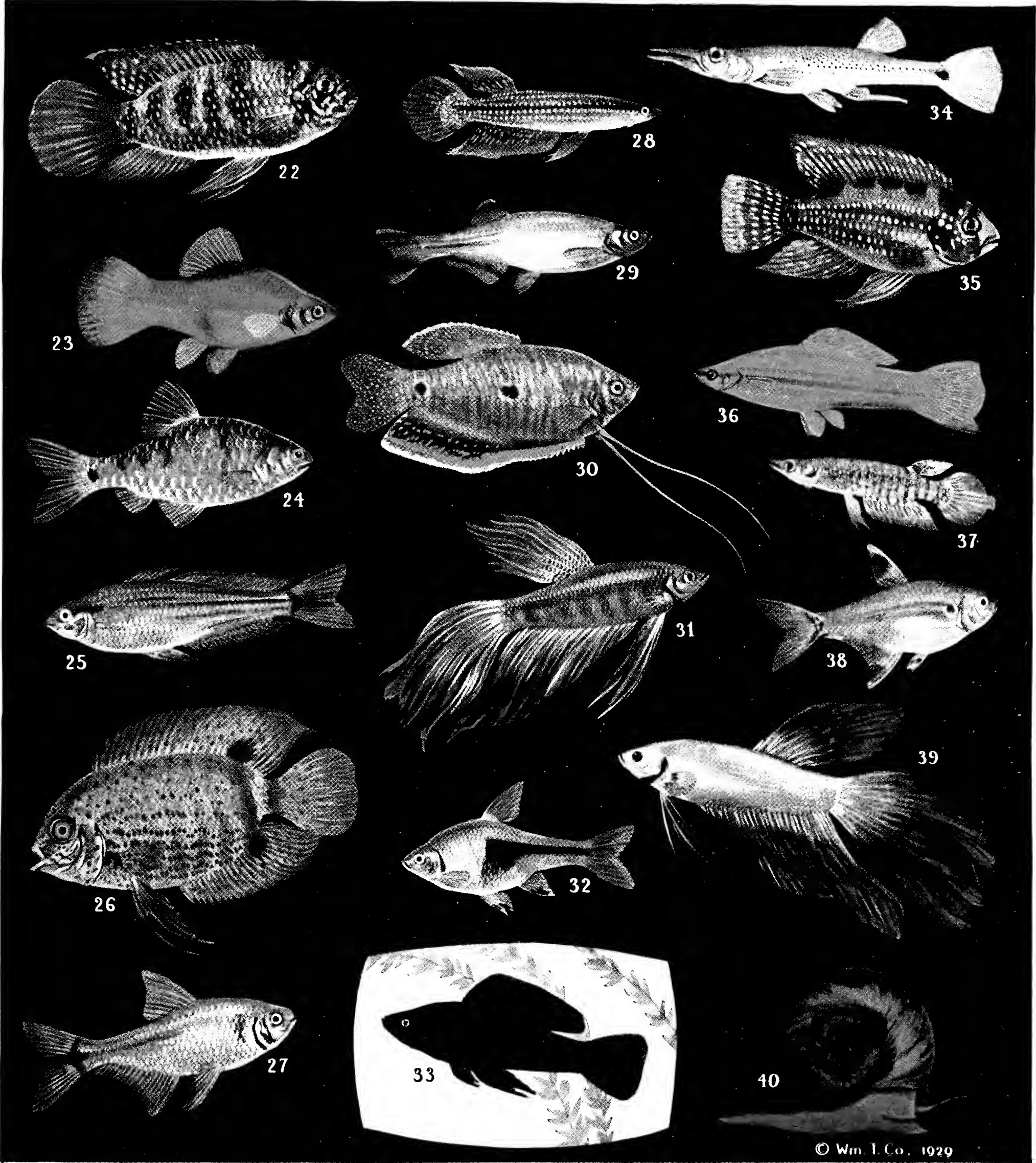
- (15) Orange Chromide, page 46.
- (20) Jewel Fish, page 46.
- (21) Angel Fish, page 46.

## MISCELLANEOUS

- (4) Tetra von Rio, page 47.
- (5) Cardinal Fish, page 47.
- (6) Silver Tetra, page 47.
- (11) Flying Barb, page 46.
- (12) Zebra Fish, page 46.
- (13) Rosy Barb, page 46.
- (14) Giant Danio, page 46.
- (17) American Flag Fish, page 47.
- (18) Golden Fundulus, page 47.



# Beautiful Tropical Fishes for Aquariums



© Wm. I. Co., 1929

Listed below are the names and page references of these Tropical Fishes.

## LIVE BEARING VARIETIES

- (23) Pure Red Moons, page 46.
- (33) Black Mollienia, page 46.
- (34) Belonesox Belizanus, page 46.
- (36) Red Helleri, page 46.

## SNAILS

- (40) Coral Snail, page 42.

## BUBBLE NEST BUILDERS

- (31) Betta Trickeri, page 46.
- (39) Betta Cambodia, page 46.
- (30) Three Spot Gourami, page 46.

## CICHLIDS

- (22) Blue Acara, page 46.
- (26) Heros Spurius, page 46.
- (35) Geophagus Braziliensis, page 46.

## MISCELLANEOUS

- (25) Australian Rainbow Fish, page 47.
- (24) Striped Barb, page 46.
- (29) Pearl Danio, page 46.
- (27) Tetra Von Buenos Aires, page 47.
- (38) Pristella Ridley, page 47.
- (37) Haplochilus Rubrostigma, page 47.
- (28) Haplochilus Von Madras, page 47.
- (32) Rasbora Heteromorpha, page 47.

## Live Bearing Tropical Fishes — Cont.

**RED HELLERI.** See No. 36, page 45. Small: \$1.50 each; \$7.50 for six; \$12 dozen. Large: \$2.50 each; \$12.50 for six; \$20 dozen. In pairs: \$7.50.

**GOLD HELLERI.** Clear gold color. Males have sword-tail. \$3.50 pair.

**BLACK HYBRID HELLERI.** Black body, blue scales on head; yellow eye. \$3.50 pair; \$8.75 for six; \$14 dozen.

**RED HYBRID HELLERI.** See No. 8, page 44. Black body, red and yellow scales; yellow eye. \$3.50 pair; \$8.75 for six; \$14 dozen.

### \*Moons, or Platyi

Any variety, unless other price stated; \$2 pair; \$5 for six; \$8 dozen.

**BLUE MOONS** (*Platypoecilus maculatus pulchra*). See No. 2, page 44. Ultramarine with vertical bars of dark navy blue.

**BLACK MOONS** (*P. mac. nigra*). Jet black over most of body against a background of red; silvery scales near gills.

**GOLD MOONS.** (*P. mac. aurea*). See No. 10, page 44.

**PURE GOLD MOONS** (*P. mac. immaculatus*). Plain gold.

**RED MOONS.** (*Plat. mac. var. rubra*). No. 9, page 44.

**PURE RED MOONS.** No. 23, page 45. Solid red, no markings. \$3 pair; \$7.50 for six; \$12 dozen.

### \*Rainbow (Peacock) Fish, or Guppy

**LEBISTES RETICULATUS.** No. 16, page 44. Male is less than 1 inch long; female, larger and bulkier. Young are born in lots of twenty every four or five weeks and if kept separate in a tank stocked with plants, quite a few will mature rapidly. Two pairs for \$1; \$1.50 for six; \$2.50 dozen.

### Semi-Hardy Live-Bearing Fishes

**LEOPARD FISH** (*Gambusia holbrooki*). Active mosquito killer. Male mottled black. \$1 pair; \$2.50 for six; \$4 dozen.

**MOSQUITO FISH** (*Heterandria formosa*). Males about  $\frac{3}{8}$  in.; females  $\frac{1}{2}$  to  $\frac{5}{8}$  in. 50c pair; \$1.25 for six; \$2 dozen.

\***SAILFINS** (*Mollienisia latipinna*). No. 3, Page 44. \$2 pair; \$5 for six; \$8 dozen. Large: \$3 pair; \$12.50 for six; \$20 dozen.

\***BLACK MOLLINIENISIA** (*M. sphenops var. nigra*). See No. 33, page 45. \$3 pair; \$8 for six; \$15 dozen. Large: \$5 pair; \$12 for six; \$20 dozen.

**BELONESOX BELIZANUS.** No. 34, page 45. Resembling pickarel. Iridescent colors. \$5 pair; \$12.50 for six; \$20 dozen.

**GIRARDINUS RETICULATUS.** Like Leopard Fish, with markings more pronounced. \$2 pair.

### Bubble Nest Builders

Also known as Labyrinth Fishes, found in Asia and tropical Africa. Male builds a nest of bubbles and watches over eggs and young.

\***BETTA TRICKERI.** No. 31, page 45. Medium: \$5 pair. Large: \$7.50 pair. Extra Large: \$10 pair.

\***BETTA CAMBODIA** (Veiltail Fighting Fish). No. 39, page 45. \$5 pair. Large size: \$7.50 pair.

\***BETTA CYANA** (Cornflower Blue Fighting Fish). Extraordinary vivid blue coloring; very beautiful. Pair, \$10 only.

**CHINESE WALKING FISH** (*Channa fasciata*). Has lungs instead of gills. Adult is 6 to 10 in. long; rich olive-brown with silvery dots. Pair: \$2. Mated Pairs: \$5. Large Mated Pairs: \$7.50.

\***PARADISE FISH** (*Makropodus opercularis*). No. 7, page 44. Enemy of mosquito larvae. \$2 pair; \$5 for six; \$8 dozen.

\***POLLIES** (*Polyacanthus dayi*). Like Paradise but smaller, more active. \$2 pair; \$5 for six; \$8 dozen.

\***CROAKING GOURAMI** (*Ctenops vittatus*). A novelty. Male makes a purring sound when courting. \$3.50 pair.

\***DWARF GOURAMI** (*Colisa lalius*). No. 1, page 44. Peaceable and the gem of any collection. \$3 pair; \$8 for six; \$15 dozen.

\***STRIPED GOURAMI** (*Colisa fasciatus*). Twice size of Dwarf, richer in coloring. \$3 pair.

\***THICK-LIPPED GOURAMI** (*Colisa labiosus*). Medium size, with thick lips. \$3 pair; \$7.50 for six; \$12 dozen.

\***THREE-SPOT GOURAMI** (*Trichogaster trichopterus*). No. 30, page 45. \$2.50 pair; \$6 for six; \$10 dozen.

## Miscellaneous Tropicals

### Cichlids

This class of fish from Africa and South America guards well its eggs and young.

**JEWEL FISH** (*Hemichromis bimaculatus*). No. 20, page 44. Spawn freely on stones. \$2 pair. Mated pairs: \$5.

**ORANGE CHROMIDE** (*Etoplus maculatus*). No. 15, page 44. Very prolific. Mated pairs: \$3.50.

**STRIPED CHROMIDE** (*Pelmatochromus*). Light brown to brownish yellow body. Fins with several black spots edged with yellow. Mated pairs: \$3.50; smaller size: \$2.50.

**STRIPED ACARA** (*A. portalegrensis*). Round-bodied and according to mood it appears to have single horizontal stripe or series of vertical bars on brown. Mated pairs: \$5.

**BLUE ACARA** (*A. coeruleopunctata*). No. 22, page 45. Steel blue, with lighter flecks; fins edged with red. Mated pairs: \$5; smaller size: \$3.50.

**ACARA CURVICEPS.** Brilliant silver-blue with orange and red dots. Mated pairs: \$5; smaller size: \$3.50.

**CHANCHITO** (*Heros facetum*). The best known Cichlid. Vertical black bars on olive body. Mated pairs: \$5; smaller size: \$3.

**HEROS SPURIUS** (*Cichlasoma severum*). No. 26, page 45. Fins are striped and dotted. Mated pairs: \$5. Medium size: \$3 pair.

\***ANGEL FISH** (*Pteropyllum scalare*). No. 21, page 44. It prefers temperature 70 degrees or above. \$5, \$7.50 and \$10 pair. Price of larger specimens on application.

\***CHAETODON** (Poor Man's Angel Fish). Related to Angel Fish, without long "wings." \$2 pair; \$5 for six; \$8 dozen.

**GEOPHAGUS BRAZILIENSIS.** No. 35, page 45. A colorful fish from Brazil. Mated pairs, \$3.50.

\***EGYPTIAN MOUTH BREEDER** (*Haplochromis strigigena*). Eggs are carried in mouth of female. Mated pairs: \$3.50; smaller size: \$2.50.

\***TILAPIA MACROCEPHALIA.** A new and interesting mouth breeder, very handsome and peaceful. Mated pairs: \$5; smaller size: \$2.50.

**MESONAUTA FESTIVUM.** An oddly formed fish, usually brass-yellow; fins yellow or yellowish brown. Conspicuous black band from mouth to tip of dorsal fin; black spot at base of tail. From \$5 to \$25 pair according to size.

\***BADIS BADIS.** Small, red and blue fish. Prefers to spawn in a flower pot imbedded in sand. Mated pairs: \$3.

**POLYCENTRUS SCHOMBURGKI.** Odd fish with transparent fins and tail; body gray-brown. Mated pairs: \$3.

### The Barbs

These belong to Cyprinidae family, and are most satisfactory aquarium fishes. Spawn on plants like goldfish.

\***ROSY BARB** (*Barbus conchoni*). No. 13, page 44. Large glistening scales. \$1.50 pair; \$4 for six; \$6 a dozen.

\***STRIPED BARB** (*Barbus semifasciatus*). No. 24, page 45. \$2 pair; \$5 for six; \$8 doz.

\***FLYING BARB** (*Esomus malaynesis*). No. 11, page 44. Can leap great distances. \$1.50 pair; \$4 for six; \$6 dozen.

\***IRIDESCENT BARB** (*Barbus oligolepis*). Red and silver marking; fins edged with black. \$2.50 pair; \$6 for six; \$10 dozen.

\***SILVER BARB** (*Barbus ticto*). Scales of burnished silver. \$2 pair; \$5 for six; \$8 dozen.

### Danios

Popular because of active movement and flashing colors. Native to India, Ceylon and Malabar Coast.

\***ZEBRA FISH** (*Danio rerio*). No. 12, page 44. Constantly in motion. \$1.50 pair; \$4 for six; \$6 a dozen.


\***PEARL DANIO** (*D. albolineatus*). No. 29, page 45. Iridescent mother of pearl and opal tints. \$2 pair; \$5 for six; \$8 doz.

\***SPOTTED DANIO** (*D. analipunctatus*). Like Zebra Fish but with dark blue dots. \$2 pair; \$5 for six; \$8 dozen.

\***GIANT DANIO** (*D. malabaricus*). No. 14, page 44. \$3 pair; \$7.50 for six; \$12 dozen.



# ORDER EARLY --- Use This Order Sheet

 Please use this Order Sheet. It's easier for you and for us.  
Read instructions on reverse side of sheet

# WILLIAM TRICKER, Inc.

## Saddle River, N. J. and Independence, Ohio

(Send order to nearest office)

*Water Lilies*  
*Aquatic Plants*  
*Ornamental Fishes*

Date.....

Name .....

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Express Office .....

**Give name of Express Office if different from Post Office**

**TERMS:** Cash with Order. We do not Prepay Postage or Express Charges. No Goods sent C. O. D.  
Fish cannot be sent by mail. Include 50c extra for shipping can. (See Terms other side).

[illegible]

(Over)

# ADVICE and TERMS — Read Carefully

Remit by money order, draft, express money order, or check.

Always use order sheet for making out your order.

Please do not mix your order and letter together on the same sheet.

**TERMS.** We accept orders only when accompanied by funds sufficient to cover the price of goods and 50c extra for shipping can when fish are included, except where list price specifically states that shipping can is included. If we deem it advisable to ship the fish in the returnable cans, the 50c included with the order will be refunded. NOTE: We do not pay express charges or postage on any shipments. NOTE: We make a charge of \$1.00 to cover overhead costs on orders which are canceled. The \$1.00 is deducted from the remittance when it is returned.

## HOW AND WHEN WE SHIP

All shipments are made by express collect. Should you instruct us to send plants by parcel post, it will be entirely at your own risk, for we cannot assume responsibility for loss, damage or condition of the plants sent this way. However, if you do wish your shipment by parcel post, please send us funds to cover the postage, for we do not pay transportation charges on orders sent out either by parcel post or express. Live fish are shipped in water and must go by express.

Water lilies and aquatic plants may be shipped safely any time of the year. Hardy water lilies may be planted any time, but we cannot ordinarily take them from the growing ponds until the end of March. Contrary to the erroneous advice, late planting does no harm.

Tropical lilies may be set out whenever the weather is settled and the temperature averages 70 degrees Fahrenheit. This means they may be planted about June first in the latitude of New York, Cleveland and Chicago.

Goldfishes, aquarium plants and supplies are shipped any time during the year. Tropical fishes are shipped in ordinary cans from June 1 to October 1, but the remainder of the year it is best to use one of our special shipping cans, well insulated against cold. A deposit of \$3 is required to insure prompt return of the insulated can.

**GUARANTEE.** Our stock is true to name, packed with the utmost care, and it should reach you in satisfactory condition. We are not liable for damage which occurred in transit. If shipment is not in good condition notify the Express Company and answer the following:

Date and time of delivery.

Condition of the package, or if fish are shipped, condition of can and water in can.

Describe in detail any loss and possible cause.

Your claims or complaints must be made within 10 days after receipt of stock. No attention to claims or complaints will be given after this time has expired.

A sure indication of the quality of our stock is the fact that we have customers who have sent us orders year after year since our first catalog was issued.

We reserve the right to replace unsatisfactory shipments if the damage or loss is not the fault of the carrier.

We also protect our customers by filing claim against the carrier for goods damaged while in transit, providing the losses are substantiated by a bad order report from your local express agent.

**OUR PRICES.** We believe our prices are as low as any reliable grower can offer in the same grade of goods. Some may offer lower prices, but the best goods are always cheapest in the end. Try ours.

**SUBSTITUTION.** In case we should be out of one or more varieties on your order, with your permission we will substitute with some equally good, or with material of greater value than the original order.

**CAUTION.** Be sure to give your name in full, Post Office, R. F. D., street address, name of city or town, and state.

---

Where did you first hear about our Water Lilies and Ornamental Fishes?

---

Do you know some folks who would like a copy of our Catalog?

Please write their names and addresses here:

.....  
Name

.....  
Name

.....  
Street

.....  
Street

.....  
City

.....  
State

.....  
City

.....  
State

Thank you,

**WILLIAM TRICKER, Inc.**

SADDLE RIVER, N. J.

INDEPENDENCE, OHIO



## Tropical Fishes—Continued

### Characins

Found in Central and South America. They deposit eggs on plants.

\***TETRA VON RIO** (*Hyphessobrycon flammeus*). No. 4, page 44. \$2.50 pair; \$6 for six; \$10 dozen.

**TETRA VON BUENOS AIRES** (*Hemigrammus caudovittatus*). No. 27, page 45. \$2.50 pair; \$6 for six; \$10 dozen.

\***COPPER SPOT TETRA** (*Hemigrammus ocellifer*). Copper spot at base of spine. \$2.50 pair; \$6 for six; \$10 dozen.

\***SILVER TETRA** (*Ctenobrycon spilurus*). No. 6, page 44. \$1.50 pair; \$4.25 for six; \$6 dozen.

\***YELLOW TETRA**. Body rather dark yellow above, silvery beneath. A vertical strip of bright metallic green bordered with dusky bars near fore part of body. \$1.50 pair; \$4.25 for six; \$6 dozen.

\***HEMIGRAMMUS UNILINEATUS**. Glistening silver green; fins edged with black and white, with oblique black line. \$3 pair.

\***PRISTELLA RIDLEI**. No. 38, page 45. Tiny, with barred red, black, white and yellow fins. \$3 pair; \$7.50 for six; \$12 dozen.

\***BLOOD FIN** (*Aphyocharax rubripinnis*). Silvery pearl scales and blood red fins. \$3 pair; \$7.50 for six; \$12 dozen.

### Cyprinodontidae

From Central and South America, Europe, Africa and Southern Asia. Most oddities in fishes suitable for aquariums are in this group.

\***AUSTRALIAN RAINBOW FISH** (*Melanotaenia nigrans*). No. 25, page 45. \$3 pair; \$7.50 for six; \$12 dozen.

\***AMERICAN FLAG FISH** (*Jordanella floridae*). No. 17, page 44. \$1.50 pair; \$4 for six; \$6 dozen.

\***CHRIOPEOPS**. Elongated, with horizontal blue, black and silver bars. \$1 pair; \$2.50 for six; \$4 dozen.

\***GOLDEN FUNDULUS** (*Fundulus chrysotis*). No. 18, page 44. \$1.50 pair; \$4 for six; \$6 dozen.

**BLUE GULARIS** (*Fundulopanchax coeruleus*). Steel blue with purple markings. Orange band through tail fin. \$5 pair.

**HAPLOCHILUS CHAPERI**. Small but brilliant; green with dark bars. Male has scarlet bar under mouth. \$2.50 pair.

**HAPLOCHILUS PLAYFAIRI**. The males are green and gold; females olivaceous. \$2.50 pair; \$6 for six; \$10 dozen.

**HAPLOCHILUS RUBROSTIGMA**. No. 37, page 45. Elongated, with green lines, gold dots. \$3 pair; \$7.50 for six; \$12 dozen.

**HAPLOCHILUS VON MADRAS**. No. 28, page 45. Tiny, with gold and red dots on green. \$3 pair; \$7.50 for six; \$12 dozen.

\***PANCHAX PANCHAX**. A new colorful novelty. \$2.50 pair; \$6.25 for six; \$10 dozen.

\***RASBORA HETEROMORPHA**. No. 32, page 45. Beautiful and very rare. \$10 pair.

### Miscellaneous Fishes

Not tropicals but interesting fishes for the aquarium.

\***CARDINAL FISH** (*Chrosomus erythrogaster*). No. 5, page 44. \$1 pair; \$2.50 for six; \$4 dozen.

\***NEST BUILDING STICKLEBACKS**. Interesting; excellent mosquito killers in pool. \$1 pair; \$2 for six; \$3.50 dozen.

**BLACK BULLHEADS**. Jet black; long whisker-like feeler. Will live with goldfish. \$1 pair; \$2.50 for six; \$4 dozen.

## Collections of Tropical Fishes

Realizing that the true fish fan is never satisfied with one or two varieties of these interesting tropicals, we are making it easy to get a small collection at one time.

**MOSQUITO KILLERS**—Maybe you do not care so much about fish but you are sure to be dead set against mosquitoes. The wrigglers that appear in every pond, puddle or rain barrel are the natural food of fishes. Place a few fishes in your pool or in a nearby water hole. Each year we have a lot of poorly colored "scrubs" that fail to meet our standards of aquarium fishes. The tropical "scrubs" cannot, of course, be placed outdoors until the water temperature is likely to be maintained at 65 degrees or more. We offer these good active mosquito-killing fishes at \$2.50 per dozen, including their shipping can. For those who wish mosquito killers quite early in spring, we offer the hardier types which can be shipped at any time. The silver variety of goldfishes, 3 to 6 inches long, belong in this latter group and will be furnished if preferred. Hardy mosquito-killers, \$12.50 per hundred. (Collection No. 55)

**HARMONY COLLECTION**—One pair each of seven varieties of our choice. This collection usually includes Swordtails, Moons, Barbs, Danios, Flag Fish, Fundulus, Silver Tetra, Chaetodon and shipping can. May be accommodated in 12 gallon aquarium. Fourteen fish and shipping can for \$10. (Collection No. 51)

**LIVE BEARING COLLECTION**—One pair each of six varieties of fish that bear their young alive. Swordtails, Rainbows, Sailfins, several varieties of Moons, and a pair of the rare Black Mollenisias. This collection may be accommodated in a 12 gallon aquarium. Twelve fish and shipping can for \$10. (Collection No. 52)

**45 DEGREE COLLECTION**—One pair each of six varieties that will stand reasonably low temperatures and may be kept with goldfishes. Includes varieties like Sailfin, American Flag, Chaetodon, Cardinals, Medakas, Barbs, Fundulus, and Weather Fish. Suitable for 18 gallon aquarium. Twelve fish and shipping can for \$12. (Collection No. 53)

**THE BEGINNER'S COLLECTION**—16 Tropical Fishes, 8 kinds; one pair each of Mexican Swordtails, Red Moons, Blue Moons, Silver Tetra, Zebra Fish, Paradise, Rosy Barbs and Rainbows; also Jap Snails. Complete with Eureka Aquarium No. 112 (see page 39), aquarium plants, aquarium grit, one box each of Tricker's Dried Shrimp and Fish Vim Foods, one aquarium thermometer, Chil-Braker Heater, and book, "Modern Aquarium," by W. T. Innes, on care of fishes. Total, \$35 value (Collection No. 57)..... **\$25**

With Deluxe Aquarium (page 39) instead of Eureka, \$5 extra.

**AMAZON COLLECTION**—Ten specimens of five different species, illustrated and described on page 41, \$10. (Collection No. 60)



Jewel Fish (above) Zebra Fish (below).

**SILVER ANNIVERSARY COLLECTION**—As a special feature of our Silver Anniversary we offer this extra fine collection of five pairs of selected fishes, our selection of varieties which live peaceably together. We guarantee this collection to be worth at least \$10, and believe it will be better than if you select the varieties yourself. Ten fish and shipping can for \$7.50. (Collection No. 62)

**DANIO COLLECTION**—The Danios as a group are the liveliest of aquarium fishes. Their constant motion makes the aquarium alive with flashing colors. Collection consists of one pair each of Zebra Fish, Spotted Danios, Pearl Danios and Giant Danios. Eight fish and shipping can, value \$8.50, for \$6.50. (Collection No. 61)





## Beau-Ideal Collection of Hardy Lilies

Did you ever see a picture more lovely? These five glorious lilies were photographed in natural color to show you just how they look and how really beautiful they are in their full range of colors. This new collection we have named Beau-Ideal, which signifies the highest type of beauty or excellence. Collection includes one each of the five following varieties, easily identified by color:

**ROSE AREY.** Deep cerise pink; large flowers.

**GLORIOSA.** Large red, the finest red.

**CHROMATELLA.** Deep yellow, the best yellow.

**MARLIAC WHITE.** Large flowers of sparkling white.

**COMANCHE.** Changeable, apricot to deep coppery bronze.

Collection No. 221. All five for only.....

**\$9**